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Bodger  
Seeds, Ltd.

El Monte, Calif.

1945  
GENERAL  
PRICE LIST





CROP 1945

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GENERAL  
PRICE LIST

OF "CALIFORNIA'S CHOICEST  
FLOWER SEEDS . . . SINCE 1890"



Bodger Seeds, Ltd.  
**WHOLESALE FLOWER SEED GROWERS**

LOS ANGELES COUNTY EL MONTE CALIFORNIA, U. S. A.

•  
CABLE ADDRESS: Registered  
"Bodger El Monte" All Codes

## **Terms and General Conditions of Delivery**

**A**LL SEEDS are quoted F.O.B. El Monte, California, terms 60 days net, less 2% cash 30 days. All invoices payable in U. S. dollars in or by New York or Los Angeles Exchange. All overdue accounts subject to sight draft without further notice.

Bags and containers will be charged at cost and are not returnable. There will be no charge made for bags smaller than the one pound size (5x7½ inches).

**Prices quoted in this list go into effect immediately, superseding all previous quotations. All orders of 4 ounces or over will be charged at the pound rate; all orders under 4 ounces will be charged at the ounce rate.**

We reserve the right to change any or all prices in this list without notice.

In case of crop shortages, orders will be filled pro rata only.

Crop failure or any cause beyond our control releases us entirely from delivery.

"We give no warranty, express or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed."

Should fulfillment of any order or contract be prevented or delayed by the act of God, war, blockade, revolution, prohibition of exports or imports, riots, strikes, lock outs, fire, loss and/or detention at sea or any other contingency beyond our control, we shall not be responsible for any loss and/or damage thereby.

## **Shipping Information**

**Domestic:** Time is important. Many of our customers use the Air Mail exclusively to save time and get the most possible out of our rapid order filling and delivery service. We suggest that you do the same. If your order is sent to us by Air Mail from the east coast it arrives the second day, is filled the same day it arrives and if shipped by Parcel Post seed will reach you within seven days from the time the order left your office. Correspondingly less time is needed when shorter distances are covered. For faster delivery, seeds shipped by Air Mail or Air Express will reach you within four days from the time your order is sent to us. For the greatest possible saving in time, send your order by wire to be shipped by air; seeds will arrive within two to three days from the time ordered.

Air express rates are calculated on the basis of half-pounds and distances are zoned. Air Mail is calculated on an ounce basis and goes as first class mail. Both speed up transportation immensely, and where time is a deciding factor, they certainly are the cheapest in the long run. Air transportation is safe, sure and economical.

## **Bodger Service Department**

**Novelties:** The amateur gardener is novelty conscious, and it is easy to sell a new variety. Novelties are your logical sales leaders, and it is decidedly to your own advantage to make good use of them in your newspaper publicity, your

advertising, and your counter features in the store. Make your selections from among the novelties listed herein and you cannot go wrong.

**Transparencies:** Our new colored transparencies are your busiest silent salesmen. They are accurately hand colored on translite film, printed from our regular photographic negatives. Placed in your store window, on the counter, along the walls with the seed racks, or near the cash register, they attract attention at once, and show your customer the actual flower of the seed you have for sale. Write us for full details regarding transparencies and the cabinets in which to display them.

**Kodachromes:** Our photographic department has recently assembled a very large collection of the small 35 millimeter Kodachrome slides which are available for the use of our customers for illustrating talks before garden clubs and other interested groups. If interested in the use of these Kodachrome slides, write us for full details and booking dates.

**Electros:** Believing that the day has passed when any average seedsman can afford to devote a full page or even a half page of space in his catalog to one subject, with this average seedsman in mind we have made practically all of our new electros and nickeltypes in a small size this season so that six, eight or even more subjects can be shown on a page. We believe this size, particularly in the colored electros, will prove popular with retail seedsman. We call your particular attention to our inexpensive  $1\frac{3}{4}$ " x  $2\frac{1}{4}$ " color plates and to the large selection of new  $1\frac{1}{4}$ " x  $1\frac{1}{2}$ " black and white electros.

**All electros we send out are unmounted unless the order specifies that they be mounted. There is an additional charge of 20% for this service. Since a majority of our customers prefer unmounted electros we have followed this policy, but will be very glad to have them mounted for any who so request.**

**Photographs:** Through our Photographic Service we are able to furnish you with a complete line of first class photographs of novelty and standard flower varieties suitable for publicity and catalog purposes. Photographs will be submitted for approval upon request.

**Horticultural Colour Chart:** In certain sections of this catalog, we have added to the regular description of a variety some numbers and words in italics. These refer to color blocks in the Horticultural Colour Chart which many of our customers have secured either from us or from the Royal Horticultural Society direct. To visualize the exact color of the flower thus described, refer to your copy of the Colour Chart, turn to the page mentioned, mask the color block with the black mat provided and you will see the exact shade of the variety. For instance, Larkspur Stock Flowered Rosamond is described as *625 shaded 623*. These page numbers will be found in the upper right hand corner of each sheet in bold face type. *625* is the predominating color of the bloom with a shading of color *623*. Larkspur Stock Flowered Rose Queen, similar to Rosamond, is described as *623/1 and 623*. These two color tones will be found on page 623, block *623/1* being a slightly lighter tone of the full color *623*, both of which very similar colorings are found in this variety. We have been able to compile fairly complete color recordings of several flower varie-

ties. We believe that by this method you will be able to visualize the colors of the several varieties much more vividly than any word description can do.

**All-America Awards:** Winners in the All-America Selections Competition are designated in this list by the following symbols: (G. M.) Gold Medal; (S. M.) Silver Medal; (B. M.) Bronze Medal; and (H. M.) Honorable Mention.

All-America award winners are among the finest flower varieties. We hope you are featuring as many of these All-America winners as possible.

# GENERAL PRICE LIST FOR 1945

## Symbols used:

*a—annual  
b—biennial  
c—climber  
f—cut flower variety, special for florists*

*gr—greenhouse plant  
p—perennial  
ra—rock plant annual  
rp—rock plant perennial*

## ASTERS *a*

### LARGE FLOWERED, HEAVY STEMMED, SPECIAL FLORIST VARIETIES

#### **EARLY GIANT WILT RESISTANT *f* (Bodger)**

The finest large flowered, heavy stemmed wilt resistant Aster yet developed. Flowers are of the large Giants of California type, while the plants are less tall, about 1½' in height, with strong heavy stems. This class is early blooming, coming into flower four to six weeks earlier than the Giants of California, that is during early to mid August. An exceptional new class.

	Per oz.	Per lb.
34 <b>Light Blue</b> (Bodger) (S.M.,A.A.S.'39).....	1.30	15.00
38 <b>Peach Blossom</b> (Bodger), opens white, flushes lavender pink	1.30	15.00
30 <b>Rose Marie</b> (Bodger) (H.M.,A.A.S. '40), rich rose.....	1.70	20.00

#### **SUPER GIANT *f***

This is the largest and most fully double Aster class known. The flowers are from 6" to 8" across, with full petaled, graceful, interlacing petals. Plants are about 2½' tall, with six to eight long, non-lateral stems per plant.

20 <b>El Monte</b> (Bodger) (B.M.,A.A.S.'36), crimson.....	1.30	15.00
26 <b>Los Angeles</b> (Bodger) (S.M.,A.A.S.'34), shell pink.....	1.30	15.00

#### **IMPROVED GIANTS OF CALIFORNIA CURLED AND INTERLACED *f***

The flowers are large and full, of the well-known Crego type, with broad graceful petals, borne on long heavy non-lateral stems. The plants reach a height of 3', blooming from late summer until frost. A fine cut flower type for florists.

60 <b>Apple Blossom</b> , shell pink.....	1.30	15.00
68 <b>Azure Blue</b> , soft azure blue.....	1.30	15.00
80 <b>Crimson</b> (Bodger).....	1.30	15.00
44 <b>Dark Purple</b> , wilt resistant (Bodger).....	1.30	15.00
64 <b>Dark Purple</b> .....	1.30	15.00
66 <b>Deep Rose</b> .....	1.30	15.00
70 <b>Light Purple or Dark Blue</b> .....	1.30	15.00
82 <b>Loveliness</b> (Bodger), rich pure pink, touched with salmon....	1.30	15.00
72 <b>Peach Blossom</b> , opens white, flushes lavender pink.....	1.30	15.00
76 <b>White</b> , pure white.....	1.30	15.00
78 <b>Finest Mixed</b> .....	1.05	12.00

### **EARLY BEAUTY WILT RESISTANT *f* (Bodger)**

Planted at the same time, the Early Beauties flower with the Crego and American Branching types, or from early September until frost. The plants are from 2½'-3' tall, with long, stout stems bearing large well formed flowers. The colors are good, and the keeping qualities excellent.

		Per oz.	Per lb.
120	Azure Fairy, azure blue.....	.90	10.00
124	Crimson.....	.90	10.00
126	Deep Rose.....	.90	10.00
132	Purple or Dark Blue.....	.90	10.00
136	September Beauty, delicate shell pink.....	.90	10.00
138	White.....	.90	10.00
140	Finest Mixed.....	.70	8.00

### **IMPROVED GIANT CALIFORNIA SUNSHINE *f* (Bodger)**

948	Finest Mixed.....	1.05	12.00
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### **PRINCESS WILT RESISTANT *f* (Bodger)**

A very attractive new cutting type of wilt resistant Aster, 2'-2½' tall, branching and free flowering, early blooming, bearing quantities of 3"-3½" flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals.

816	Barbara, orchid.....	1.30	15.00
820	Anne (Bodger), peach blossom.....	1.30	15.00
824	Bonnie (Bodger), soft salmon rose.....	1.30	15.00
1112	Golden Sheaf, yellow self.....	1.30	15.00
822	Marsha (Bodger), rich cinnabar scarlet.....	1.30	15.00
838	Finest Mixed.....	1.30	15.00

## **COMET TYPE FLOWERS**

### **GIANT COMET or LATE EXPRESS WILT RESISTANT (Bodger)**

Plants upright, 2', non-branching, flowers double and well formed, feathery, blooms in late August.

274	Finest Mixed.....	.55	6.00
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### **IMPROVED CREGO or TALL OSTRICH FEATHER, WILT RESISTANT (Bodger)**

Plants robust, branching, about 2½' tall, flowers large, double and well formed, one of the finest varieties for all purposes, blooms in mid-September.

300	Azure Blue.....	.55	6.00
302	Blue Flame (Bodger), bright navy blue.....	.55	6.00
304	Cattleya (Bodger), fascinating shade of orchid, large flowered	.55	6.00
306	Crimson.....	.55	6.00
310	Deep Rose, bright rose, dark stems (Com., R.H.S. '38).....	.55	6.00
312	Light Blue.....	.55	6.00
314	Peach Blossom, opens white, flushes lavender pink (Com., R.H.S. '38).....	.55	6.00
316	Pink, Shell Pink (A.M., R.H.S. '38).....	.55	6.00
318	Purple or Dark Blue.....	.55	6.00
320	White.....	.55	6.00
328	Finest Mixed.....	.50	5.50

## BRANCHING TYPE FLOWERS

### IMPROVED QUEEN OF THE MARKET WILT RESISTANT (Bodger)

These well-known, early flowering Asters are of branching habit, about 20" tall, blooming in early August directly after the Early Express. They are most useful for early market purposes, with long stems for cut flowers.

		Per oz.	Per lb
506	Azure Blue (Bodger).....	.55	6.00
502	Crimson.....	.55	6.00
504	Dark Blue or Purple.....	.55	6.00
508	Flesh Pink or Blush Pink.....	.55	6.00
510	Light Blue, medium blue.....	.55	6.00
516	Rose (Bodger), soft rose.....	.55	6.00
518	Scarlet.....	.55	6.00
520	White.....	.55	6.00
528	Finest Mixed.....	.50	5.50

### EARLY ROYAL (CARLSON'S EARLY, INVINCIBLE) WILT RESISTANT (Bodger)

Plants branching, 1½'-2', blooming in mid-August directly following the Queen of the Markets.

560	Azure Blue or Dark Lavender.....	.55	6.00
576	Coppery Rose (Bodger).....	.55	6.00
562	Deep Rose, taller.....	.55	6.00
564	Peach Blossom, opens white, flushes lavender pink.....	.55	6.00
566	Purple, deep purple.....	.55	6.00
592	Scarlet (Bodger).....	.55	6.00
568	Shell Pink.....	.55	6.00
570	White.....	.55	6.00
578	Finest Mixed.....	.50	5.50

### AMERICAN BRANCHING (VICK'S BRANCHING) f WILT RESISTANT (Bodger)

Plants 2½'-3' tall, branching, robust, flowers large, double and fine form, blooming in early September. Our selected stocks of these are the best money can buy.

640	Azure Blue or Dark Lavender.....	.55	6.00
646	Crimson.....	.55	6.00
652	Peach Blossom, opens white, flushes lavender pink.....	.55	6.00
656	Peerless Pink, shell pink.....	.55	6.00
660	Purple or Dark Blue.....	.55	6.00
650	Rose, attractive light rose.....	.55	6.00
662	Sensation (Dreer's) or Scarlet.....	.55	6.00
664	Shell Pink (Mary Semple).....	.55	6.00
666	White, extra select, long stems.....	.55	6.00
674	Finest Mixed.....	.50	5.50

### HEART OF FRANCE, WILT RESISTANT (Bodger)

710	Rich dark red medium sized flowers, 1½'-2' branching plants, blooming in late August.....	1.05	12.00
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### BALL DEEP ROSE f WILT RESISTANT

720	Bright deep rose, early, 2½'-3', branching, blooms in mid-August.....	.70	8.00
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### BALL PURPLE, f WILT RESISTANT

722	Deep bright purple, early, 2½'-3', branching, blooms in mid-August.....	.70	8.00
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**BALL WHITE LATE, f WILT RESISTANT**

		Per oz.	Per lb.
730	White, late branching, 2½'-3', long stems, blooms in early to mid-September.....	.80	9.00

**BALL WHITE EARLY, f WILT RESISTANT**

732	White, crested center, branching 2'-2½', blooms late August to early September.....	.90	10.00
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**MISCELLANEOUS MIXTURES**

1232	Good Mixture, Double Branching Varieties.....	.35	4.00
1234	All Double Varieties Mixed, wilt resistant.....	.35	4.00
1236	Double and Single Varieties Mixed.....	.35	3.50
1056	Rainbow Mixture, Single Chinensis, wilt resistant.....	.35	3.50

**ZINNIAS *a***

We have been Zinnia specialists for many years, taking the lead in their development ever since our first outstanding Zinnia introduction, the Dahlia Flowered strain, which was rightly named a New Flower for the People. This type, developed in our experimental department and introduced by us in 1919, was the turning point which changed completely the status of the once unpopular Zinnia family. Since this time, we have developed and introduced many new types and varieties in the now extremely popular Zinnia group. Many additional varieties are in the process of development in our Zinnia workshop and will be presented within the course of the next few years. See our Bulletin No. 1, The Zinnia and its Uses, for full details on Zinnia Types and Culture.

**TALL, LARGE FLOWERED TYPES****BODGER'S GOLD MEDAL DAHLIA FLOWERED f (Bodger) (G.M., R.H.S.'24)**

The Dahlia Flowered strain was introduced by us in 1919, and all the colors have been of our introduction at various times since then.

The plants are of medium height, 2½'-3', very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia. We have marked the most popular varieties with an asterisk (\*).

1260	*Canary Bird, rich canary yellow.....	.45	5.00
1262	*Crimson Monarch, deep crimson, flowers very large.....	.45	5.00
1264	*Dream, deep rosy lavender.....	.45	5.00
1266	Eldorado, salmon apricot.....	.45	5.00
1268	*Exquisite, light rose, deep rose center.....	.45	5.00
1272	*Golden Dawn, golden yellow.....	.45	5.00
1274	Golden State, golden-orange in the bud, turning to orange.....	.45	5.00
1276	*Illumination, deep rose self.....	.45	5.00
1280	Luminosa, bright pink.....	.45	5.00
1282	Meteor, rich, deep red, darkest of all the reds.....	.45	5.00
1286	Old Rose, old rose shades.....	.45	5.00
1288	*Oriole, orange and gold.....	.45	5.00
1290	*Polar Bear, large white.....	.45	5.00
1292	Purple Prince, deep purple.....	.45	5.00
1298	Royal Purple (H.M., A.A.S. '42), rich purple.....	.45	5.00
1294	Scarlet Flame, bright scarlet.....	.45	5.00
1258	*Will Rogers (Bodger), lovely brilliant deep scarlet.....	.45	5.00
1306	Gold Medal Finest Mixed, grown as separate colors.....	.40	4.50

**BODGER'S CALIFORNIA GIANT or MAMMOTH *f* (Bodger)**

Introduced by us in 1926, this type has rapidly gained in popularity. The plants are taller than the Dahlia Flowered type, 3'-4', with long stems which adapt it particularly for use as a cut flower. The flowers are very large and flat, giving a graceful effect.

		Per oz.	Per lb.
1350	Brightness, bright pink.....	.45	5.00
1352	Cerise Queen, beautiful cherry rose.....	.45	5.00
1382	Cherry Queen, brilliant cherry rose.....	.45	5.00
1380	Crimson Queen (Bodger), rich crimson.....	.45	5.00
1354	Daffodil, rich canary yellow .....	.45	5.00
1356	Enchantress, light rose, deep rose center.....	.45	5.00
1358	Golden Queen, golden yellow.....	.45	5.00
1360	Grenadier, bright, dark red.....	.45	5.00
1362	Lavender Queen, deep rosy lavender.....	.45	5.00
1364	Miss Willmott, soft pink .....	.45	5.00
1366	Orange King, cadmium or orange scarlet.....	.45	5.00
1368	Orange Queen, golden orange.....	.45	5.00
1370	Purity, white, best white in Zinnias.....	.45	5.00
1372	Rose Queen, striking deep rose.....	.45	5.00
1374	Salmon Queen, salmon apricot.....	.45	5.00
1376	Scarlet Queen, glowing deep scarlet.....	.45	5.00
1378	Violet Queen, deep purple.....	.45	5.00
1386	Finest Mixed, from named varieties.....	.40	4.50

**SUPER CROWN O'GOLD *f* (Bodger)**

A vastly improved strain of the Crown O'Gold type, with large well formed flowers, in soft pastel shades, each petal overlaid at the base with deep golden yellow.

1330	Pastel Tints (Bodger), rich pastel mixture .....	.45	5.00
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**SEMI-TALL, MEDIUM FLOWERED TYPES****FANTASY *f* (Bodger)**

1344	Star Dust (Bodger) (S.M., A.A.S.'37), golden yellow.....	.45	5.00
1346	White Light (Bodger) (H.M., A.A.S.'39), pure white.....	.45	5.00
1340	Wildfire (Bodger), dazzling scarlet.....	.45	5.00
1348	Finest Mixed (S.M., A.A.S. '35), a bright colorful mixture of shaggy petaled medium sized double flowers, ex- cellent for cutting.....	.40	4.50

**HARMONY TYPE (Scabious Flowered) *f***

Plants 2½'-3', bearing numerous medium sized flowers, remarkably resembling the annual Scabiosa and Harmony Marigold.

1484	Finest Mixed, bright shades, including crimson, scarlet, orange, yellow, pink and white.....	.40	4.50
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**GAILLARDIA FLOWERED (Navajo) *f***

Flowers resemble a *Picta* Double Gaillardia, in both form and colorings.

1598	Finest Mixed (H.M., A.A.S. '38), bicolors, mellow tones, fine for cutting.....	.45	5.00
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**DWARF, MEDIUM FLOWERED TYPE****ELEGANS PUMILA DWARF DOUBLE (Cut and Come Again) *f***

1440	Canary Yellow.....	.35	4.00
1444	Crimson.....	.35	4.00
1448	Golden Orange.....	.35	4.00

### ELEGANS PUMILA DWARF DOUBLE—Continued

		Per oz.	Per lb.
1450	Pinkie, rose pink.....	.35	4.00
1452	Salmon Rose.....	.35	4.00
1454	Scarlet, bright scarlet.....	.35	4.00
1456	Snowball, white.....	.35	4.00
1460	Spun Gold (Bodger), butter yellow.....	.35	4.00
1464	Sunshine Tints (Bodger) (new), rich pastels.....	.35	4.00
1466	Finest Mixed.....	.35	3.50

### DWARF, SMALL FLOWERED TYPES

#### BODGER'S IMPROVED LILLIPUT, POMPON or BABY ZINNIAS, SPECIAL FLORISTS' STRAINS f

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact, and symmetrical, on strong stemmed 1½'-2' plants.

1412	Black Ruby (B.M., A.A.S. '41), blackish red.....	.40	4.50
1390	Canary Gem, canary yellow.....	.40	4.50
1392	Crimson Gem (Bodger) .....	.40	4.50
1414	<b>Dainty Gem</b> (Bodger) (new), dainty bicolor rose .....	.40	4.50
1396	Golden Gem, golden orange.....	.40	4.50
1398	Lilac Gem.....	.40	4.50
1394	Pink Gem (Bodger), deep pink.....	.40	4.50
1400	Purple Gem (Bodger).....	.40	4.50
1402	Rosebud (Bodger), rose pink.....	.40	4.50
1404	Salmon Gem (Bodger), salmon rose.....	.40	4.50
1406	Scarlet Gem .....	.40	4.50
1410	White Gem.....	.40	4.50
1420	<b>Pastel Mixture</b> (Bodger), delicate pastel shades.....	.40	4.50
1422	Finest Mixed, from named varieties.....	.35	4.00

#### GRACILLIMA (RED RIDING HOOD)

1426	Deep Scarlet, miniature red flowers, 1'-2', free flowering.....	.40	4.50
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#### LILLIPUT TOM THUMB ra

Plants 6"-8", compact, covered with well formed flowers of the Lilliput type. Colors range through the red, orange, yellow, pink, rose and other pastel shades. Excellent for pot plant and border use.

1438	Finest Mixture.....	.65	7.50
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#### LINEARIS

1592	Orange, dwarf, compact, early flowering, single, flowers orange, light yellow stripe, dark center.....	.90	10.00
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#### HAAGEANA DOUBLE (Mexican Hybrids)

The small flowered Mexican Zinnias have a charm all their own. The smaller flowers lend themselves to bedding and make a brilliant display and yet have stems long enough to make fine bouquets for small vases and bowls. The mixture contains many attractive colors and color combinations.

1490	Finest Mixed.....	.45	5.00
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#### SANVITALIA PROCUMBENS ra

A low border plant sometimes called creeping miniature Zinnia.

6230	Double .....	.55	6.00
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# FLOWER SEEDS

## Symbols used:

<i>a</i> —annual	<i>gr</i> —greenhouse plant
<i>b</i> —biennial	<i>p</i> —perennial
<i>c</i> —climber	<i>ra</i> —rock plant annual
<i>f</i> —cut flower variety, special for florists	<i>rp</i> —rock plant perennial

### ACROCLINIUM DOUBLE (*Helipterum Roseum*) *a* Per oz. Per lb

1624	New Large Flowered Double Hybrids, <i>f</i> , fine florist flower, new colors, large flowers.....	.40	4.50
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### AGERATUM MEXICANUM (Floss Flower) *a*

*Rubbed, or clean seed*

1652	Dwarf Compactum Blue Cap, miniature.....	1.70	20.00
1664	" " Midget Blue (S.M., A.A.S.' 40), fine dwarf, compact, rich blue.....	3.40	40.00
1662	" " Purple Perfection, deepest blue.....	1.30	15.00
1670	Semi-dwarf Blue Perfection, medium blue, large flowers..	1.10	12.50

### AGROSTEMMA CORONARIA *p*

1692	Rose Campion, red.....	.35	4.00
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### ALYSSUM (Madwort)

1696	Maritimum (Benthami), <i>a</i> sweet, white, 10".....	.25	2.50
1698	Compactum Erectum Little Gem, <i>ra</i> white, 4"-6".....	.35	4.00
1702	" Little Dorrit, miniature white, 3".....	.35	4.00
1720	" <b>Violet Queen</b> , dwarf, compact, free flowering, rich violet.....	.55	6.00
1708	Procumbens, Carpet of Snow, <i>ra</i> spreading, 2"-3".....	.40	4.50
1710	" <b>Snow Cloth</b> , excellent new selection, plants flat, compact mass pure white flowers.....	.40	4.50
1714	Saxatile Compactum (Gold Dust) <i>rp</i> golden yellow, 12"....	.35	4.00

### AMARANTHUS *a*

1726	Caudatus (Love Lies Bleeding), red, 3'.....	.10	.75
1734	Molten Fire, brilliant Poinsettia-like tips, 4'.....	.65	7.00
1742	Tricolor Splendens (Joseph's Coat), yellow, red and green, 3'.....	.35	4.00
1746	Choice Mixed, many brightly colored varieties.....	.30	3.00

### ANAGALLIS GRANDIFLORA (Pimpernel) *ra*

1774	Finest Mixed.....	.35	3.50
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### ANCHUSA

1780	Blue Bird, (B. M., A. A. S. '35), <i>a</i> indigo blue, 20"-24", compact.....	.30	3.00
1790	Sky Blue, mid-blue, compact, 18"-22" .....	.35	4.00
1794	Myosotidiflora (Dwarf Anchusa), <i>pf</i> light blue, forget-me-not flowers, 15".....	5.00	60.00

**ANNUAL POINSETTIA (See Euphorbia)**

**ANTHEMIS**

		Per oz.	Per lb.
1810	Kelwayi, <i>p</i> golden yellow.....	.45	5.00

**ANTIGONON (Mountain Rose, Coral Bells) *grc***

1820	Leptopus.....	.30	3.00
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**AQUILEGIA (Columbine) *p***

2164	Coerulea, Rocky Mountain Columbine.....	1.70	20.00
2180	Long Spurred Dobbies Imperial Hybrids Finest Mixed...	2.55	30.00
2182	" " Mrs. Scott Elliott's Strain.....	2.15	25.00

**ARCTOTIS *a***

2200	Grandis (African Lilac Daisy).....	.45	5.00
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**ASPARAGUS *c***

2252	Sprengeri <i>gr</i> .....	1.05	12.00
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**ASTER (See pages 5 to 8)**

**BABY BLUE EYES (See Nemophila)**

**BABY'S BREATH (See Gypsophila)**

**BALLOON VINE (See Cardiospermum)**

**BALSAM DOUBLE (Lady Slipper) *a***

2288	Camellia Flowered Finest Mixed.....	.40	4.50
2308	Rose Flowered Finest Mixed.....	.40	4.50

**BARTONIA (Blazing Star) *a***

2330	Aurea, deep yellow, 18"	.20	2.00
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**BEANS *ac***

2336	Scarlet Runner.....	.....	.25
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**BLACK EYED SUSANS (See Thunbergia)**

**BLUE LACE FLOWER (See Didiscus)**

**CACTUS**

		Per oz.	Per lb.
2426	Finest Mixed, including rare sorts.....	.25	30.00
2428	Good Mixed, all varieties.....	.30	15.00

**CALENDULA DOUBLE (Pot Marigold) *a***

2502	Ball's Gold, <i>f</i> deep golden yellow, very large flowers.....	.30	3.00
2450	" Long Orange, <i>f</i> deep orange, extra long stems.....	.30	3.00
2498	<b>Campfire Bodger's Improved Florist Strain</b> (Bodger), <i>f</i> dark orange, scarlet sheen, greatly improved.....	.35	4.00
2464	Chrysantha, <i>f</i> (G. M., A. A. S. '34), clear buttercup yellow, petals incurved.....	.30	3.00
2474	Lemon Queen, light golden yellow, light center.....	.20	2.00
2480	Orange King, <i>f</i> extra select, deep orange, dark center....	.20	2.00
2462	Sensation (Bodger), dark orange, scarlet sheen.....	.30	3.00
2518	Yellow Colossal (new), clear yellow, very large.....	.30	3.00
2512	Florists' Special Mixture, large flowered long stemmed varieties.....	.20	2.00
2514	Finest Mixed.....	.15	1.50

**CALIFORNIA NATIVE FLOWERS *a* and *p***

8096	Special Mixture.....	.35	4.00
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**CALIFORNIA POPPY (See Eschscholtzia)****CALLIOPSIS (Tickseed) *a***

2562	Drummondi Semi Double Gold Crest, rich golden yellow, reddish brown zone.....	.30	3.00
2560	Drummondi Semi Double Golden Crown (S.M., A.A.S. '38), improved rich yellow, maroon center.....	.25	2.50
2534	Bicolor Tall Semi Double Mixed.....	.30	3.00
2536	" " Single Mixed.....	.25	2.50
2538	" " All double Mixed.....	.30	3.00

**CAMPANULA MEDIUM (Canterbury Bells) *b***

2596	Single Mixed.....	.35	4.00
2598	Double Mixed.....	.55	6.00

**CAMPANULA CALYCANTHEMA (Cup and Saucer  
Canterbury Bells) *b***

2628	Finest Mixed.....	.70	8.00
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**CANDYTUFT ANNUAL *a***

2632	Coronaria Giant White Hyacinth-fl. Improved Florist Strain, <i>f</i> 15"	.35	3.50
2646	Umbellata Crimson, purplish red.....	.25	2.25
2648	" Flesh.....	.25	2.25
2650	" Lilac or Lavender.....	.25	2.25
2652	" Rose Cardinal, deep red.....	.25	2.25
2654	" Rose, soft rose.....	.25	2.25
2656	" White.....	.25	2.25
2658	" Finest Mixed.....	.20	2.00

**CANDYTUFT (IBERIS) PERENNIAL *p***

		Per oz.	Per lb.
2668	Gibraltarica, white flushed lilac, early.....	.55	6.00

**CARDIOSPERMUM *ac***

2684	Halicacabum (Balloon Vine, Love in a Puff).....	.20	2.00
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**CARNATION CHABAUD'S GIANT DOUBLE IMPROVED *pf***

This popular hardy Carnation blooms five months from sowing and continues throughout the season. It is 16"-20" high, upright in habit, and robust growing.

2716	Cardinal Red (Sparkler), bright scarlet.....	2.15	25.00
2720	Crimson (Nero), deep dark crimson.....	2.15	25.00
2722	Deep Rose.....	2.15	25.00
2724	Flesh Pink, delicate flesh.....	2.15	25.00
2728	Salmon Rose (Legion of Honor), deep salmon cerise.....	2.15	25.00
2732	White.....	2.15	25.00
2734	Yellow.....	2.15	25.00
2742	Finest Mixed, from named varieties.....	1.70	20.00

**CARNATION MARGUERITE DOUBLE *a***

The Marguerites are very early flowering, giving an abundance of bloom within five months from planting. The flowers are very fragrant, on good stems, and 16"-20" plants.

2790	Special Mixture, <i>f</i> XXX reselected strain.....	1.05	12.00
2792	Finest Well Balanced Mixed.....	.90	10.00

**CASTOR BEANS (See Ricinus)****CELOSIA IMPROVED CRISTATA (Cockscomb) *a***

2814	Dwarf Empress, dark foliage, dark red flowers.....	.70	8.00
2810	" President Thiers or Glasgow Prize, green foliage..	.70	8.00
2824	" Finest Mixed.....	.55	6.00
2876	Tall Royal Velvet (H. M., A. A. S. '39), rich carmine-crimson, foliage bronze-green, reddish margins.....	.55	6.00
2826	" Crimson.....	.35	4.00
2828	" Mixed.....	.30	3.00

**CELOSIA PLUMOSA (Improved Feathered Type) *a***

2832	Crimson.....	.55	6.00
2834	Fiery Red.....	.55	6.00
2836	Scarlet.....	.55	6.00
2838	Yellow.....	.55	6.00
2844	Finest Mixed.....	.45	5.00
2848	Thompsoni Magnifica Finest Mixed, 2', fine strain.....	.45	5.00

**CENTAUREA CYANUS DOUBLE (Bachelor Button, Cornflower) *a***

2894	Special Strain Blue Boy <i>f</i> , excellent fully double strain....	.25	2.50
2898	" " Pinkie <i>f</i> .....	.25	2.50
2900	" " Red Boy, <i>f</i> deep red.....	.25	2.50
2902	" " Snow Man <i>f</i> .....	.25	2.50
2904	Finest Mixed.....	.25	2.25
2962	Dwarf Jubilee Gem (S.M., A.A.S. '37).....	.45	5.00

**CENTAUREA GIANT IMPERIALIS *a***

2932	Finest Mixed.....	.35	4.00
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**CENTAUREA MISCELLANEOUS VARIETIES**

		Per oz.	Per lb.
2950	Americana Lilac <i>a</i> .....	.25	2.50
2952	" White <i>a</i> .....	.25	2.50
2954	Candidissima (Dusty Miller), <i>gr</i> yellow, silvery foliage, 15"	2.15	25.00
2958	Gymnocarpa, <i>gr</i> lavender, silvery foliage, 3'-4'.....	.35	4.00

**CHEIRANTHUS**

2976	Allioni (Siberian Wallflower), <i>rp</i> brilliant orange, 1'	.25	2.50
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**CHRYSANTHEMUM SINGLE ANNUAL CARINATUM (Painted Daisy) *af***

3016	Tricolor Finest Mixed.....	.20	2.00
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**CHRYSANTHEMUM SINGLE ANNUAL SEGETUM *af***

Plant habit similar to Carinatum, 2½', flowers 3", not as showy, with dark or light eye surrounded by inconspicuous pale yellow disc, then dominant color of the variety.

3026	Eldorado (B. M., A. A. S. '34), golden yellow, dark eye.....	.20	2.00
3028	Eastern Star, primrose, yellow disc, brown eye.....	.20	2.00
3038	Finest Mixed.....	.20	1.75

**CHRYSANTHEMUM LEUCANTHEMUM**

3070	Shasta Daisy Alaska, <i>pf</i> .....	.55	6.00
3072	" " Conqueror, <i>pf</i> flowers very large, pure white, stems 2½'-3'.....	.55	6.00
3074	<b>Shasta Daisy Double, Diener's strain, Reselected, <i>pf</i>.</b> .....	5.00	.....

**CINERARIA LARGE FLOWERED *gr b***

Excellent strain, large flowers, heavy stems, free blooming.

		Per $\frac{1}{2}$ oz.	Per $\frac{1}{16}$ oz.	Per $\frac{1}{4}$ oz.	Per oz. ←
3154	Hybrids.....	2.00	4.00	12.00	40.00

**CLARKIA ELEGANS DOUBLE *af***

		Per oz.	Per lb. ←
3146	Choice Mixed.....	.65	7.00

**CLEOME PUNGENS (Spider Plant) *a***

3168	Pink Queen (S.M., A.A.S. '42), clear soft pink.....	.70	8.00
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**COBAEA SCANDENS (Cathedral Bells) *ac***

3174	Blue.....	.45	5.00
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**COIX (Job's Tears) *a***

3180	Lachryma-Jobi.....	.10	1.00
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**COLUMbine (See Aquilegia)****CONVOLVULUS (Morning Glory) *a***

3190	Crimson Rambler.....	.20	2.00
3192	Major Finest Mixed <i>c</i> .....	.10	1.00

**CORDYLINE (See Dracaena)**

**COREOPSIS GRANDIFLORA p**

		Per oz.	Per lb.
3212	Lanceolata (California Sunbeam).....	.20	2.00
3220	<b>Double Sunburst</b> (Bodger), <i>f</i> large, golden yellow, fully double flowers, early blooming, fine cut flower.....	.35	4.00
3222	Double New Gold, fine golden yellow.....	.35	4.00

**COSMOS SENSATION af**

3204	<b>Dazzler</b> (Bodger) (new), dazzling crimson.....	.35	3.50
3200	<b>Pinkie</b> (Bodger), clear rose pink.....	.35	3.50
3202	<b>Purity</b> (Bodger), pure white.....	.35	3.50
3278	Finest Mixed (S.M., A.A.S. '36), pink and white.....	.30	3.00

**COSMOS TRUE EARLY MAMMOTH SINGLE af,3'**

3284	<b>Crimson Queen</b> , superior garden strain.....	.35	3.50
3286	<b>Rose Queen</b> , superior garden strain.....	.35	3.50
3288	<b>White Queen</b> , superior garden strain.....	.35	3.50
3248	<b>Queen Mixed</b> , superior garden strain.....	.30	3.00
3240	Crimson.....	.30	3.00
3242	Pink.....	.30	3.00
3244	White.....	.30	3.00
3246	Finest Mixed.....	.25	2.50

**COSMOS EXTRA EARLY DOUBLE CRESTED OR ANEMONE FLOWERED af**

3250	Crimson King (Carnelia).....	1.30	15.00
3252	Pink Beauty (Peach Blossom).....	1.30	15.00
3254	White Queen (Whirlwind).....	1.30	15.00
3256	Finest Mixed.....	1.05	12.00

**COSMOS LATE MAMMOTH SINGLE a**

3260	Crimson.....	.25	2.50
3264	Lady Lenox Pink.....	.25	2.50
3266	Lady Lenox White.....	.25	2.50
3274	Finest Mixed.....	.25	2.25

**COSMOS HYBRIDA EARLY KLONDYKE a**

3290	Semi Double <b>Orange Ruffles</b> (Bodger) (new), vivid rich orange butterfly-like semi double blooms, very free flowering.....	.35	4.00
3282	Single <b>Orange Flare</b> (Bodger) (G.M., A.A.S. '35), early flowering, deep orange.....	.30	3.00
8500	" <b>Yellow Flare</b> (S.M., A.A.S. '42), bright yellow	.30	3.00

**CYNOGLOSSUM**

3184	<b>Amabile Dwarf Firmament</b> (B.M., A.A.S. '39), dwarf form of popular Chinese Forget-me-not.....	.25	2.50
3294	Amabile Blue (Chinese Forget-me-not) af.....	.15	1.50

**DAHLIA p**

3304	Single Finest Mixed, <i>f</i> from select flowers.....	.70	8.00
3308	Double Finest Mixed, <i>f</i> from named varieties.....	1.70	20.00
3318	Coltness Hybrids, <i>r</i> very dwarf, for bedding.....	.90	10.00
3320	Unwin's Dwarf Hybrids, <i>r</i> free flowering.....	1.05	12.00
3322	Unwin's Ideal Bedding Mixed, miniature double and semi-double flowers on dwarf bushy plants, 18" to 24"	1.30	15.00

## DAISY SHASTA (See Chrysanthemum)

### DELPHINIUM PACIFIC GIANTS *pf* (Vetterle and Reinelt)

Remarkable new strain developed by Vetterle and Reinelt on the Pacific Coast. Flowers extremely large and well formed, 2½" to 3½" in diameter, symmetrically spaced on well balanced spikes of thin woody stems, practically 100 per cent double. This strain is comparatively mildew resistant. Seed we have to offer is of our own growing produced from the originator's stock seed.

### PACIFIC GIANTS GROWN FROM ORIGINATOR'S STOCK

#### Named Series

	Per oz.
3770 Black Knight Series, very dark blue.....	5.00
3772 Cameliard Series, pure lavender self.....	5.00
3706 Galahad Series, huge clear white.....	6.80
3708 Guinevere Series, light pinkish lavender self, white bee.....	5.00
3710 King Arthur Series, royal violet, large white bee.....	5.00
3714 Round Table Series, noble mixture.....	5.00
3642 Summer Skies Series, clear light blue, white bee.....	5.00
3334 Pacific Giants Mixed.....	5.00

### DELPHINIUM (Perennial Larkspur) *p*

	Per oz.	Per lb.
3340 <b>Bodger's Hollyhock Strain, f</b> a selection of light shades best suited for florists.....	2.95	35.00
3326 Blackmore and Langdon Type Finest Mixed.....	1.70	20.00
3342 Wrexham Hollyhock Strain, f a fancy blending of light and dark shades.....	2.95	35.00
3352 Gold Medal Hybrids Choice Mixed, dark shades.....	1.05	12.00
3338 <b>Cliveden Beauty Reselected (Florist Strain)</b> .....	2.15	25.00
3336 <b>Bellamosum Reselected (Florist Strain)</b> .....	2.15	25.00
3610 Blue Grotto, deep blue, cream center, single florets, fine type, 4½'-5'.....	2.15	25.00
3368 Belladonna Hybrids Mixed f.....	1.30	15.00
3372 Finest Mixed, all varieties.....	1.05	12.00

### DELPHINIUM CHINENSIS, TALL or FLORIST STRAINS *pf*

3380 Alba, pure white, 2'-3'	.55	6.00
3382 Cambridge Blue (S. M., A. A. S. '33), azure blue, 3'	1.05	12.00
3384 Liberty Larkspur, dark blue, 3'	.55	6.00
3388 Finest Mixed.....	.45	5.00

### DELPHINIUM CHINENSIS, DWARF or BEDDING STRAINS *rp*

3390 Alba, pure white, 1'	.55	6.00
3392 Azure Fairy, azure blue, 1'	.55	6.00
3394 Blue Butterfly Select, dark blue, 1'	.55	6.00
3398 Finest Mixed.....	.45	5.00

**DIANTHUS HEDDEWIGI (Pinks) *a***

Plants dwarf, compact, 10"-12", free flowering.

		Per oz.	Per lb.
3426	Double Finest Mixed.....	.35	4.00
3438	Single Finest Mixed.....	.35	3.50

**DIANTHUS HEDDEWIGI LACINIATUS *a***

Plants dwarf, compact, 10"-12", free flowering, laciniated petals.

3458	Double Finest Mixed.....	.40	4.50
3476	Single Finest Mixed.....	.35	3.50

**DIANTHUS CHINENSIS (China Pinks) *a***

Plants tall, 20", flowers produced in clusters, free flowering.

3490	Double, Finest Mixed.....	.35	4.00
3492	Single, Finest Mixed.....	.30	3.00

**DIANTHUS HYBRIDUS *a***

3496	Sweet Wivelsfield, multiflora type, remarkably free flowering.....	.45	5.00
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**DIANTHUS BARBATUS (See Sweet William)****DIDISCUS (Blue Lace Flower) *af***

3540	Coeruleus, blue, 2½'.....	.40	4.50
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**DIGITALIS (Foxglove) *b***

3550	Gloxiniaflora, The Shirley, giant hybrids, blotched throats	.70	8.00
3558	" Finest Mixed, spotted throats .....	.45	5.00

**DOLICHOS (Hyacinth or Jack Bean) *ac***

3588	Tall Mixed.....	.10	.60
3590	" Lignosus (Australian Pea Vine) <i>grc</i> .....	.55	6.00

**DRACAENA (Cordyline) *gr***

3602	Indivisa.....	.35	3.50
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**ESCHSCHOLTZIA CALIFORNICA *a***

3680	Spreading Alba, reselected.....	.15	1.50
3682	" Aurantiaca (California Poppy), orange.....	.15	1.50
3690	" Golden West, yellow, orange center.....	.15	1.50
3718	" Mixed, white, yellow and orange shades.....	.15	1.50

**EUPHORBIA**

3764	Variegata (Snow on the Mountain) <i>a</i> .....	.25	2.50
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**EVENING PRIMROSE (See Oenothera)****FOUR O'CLOCKS (See Marvel of Peru)****FUCHSIA *gr***

		Per 1000 seeds	Per ¼ oz.	Per oz. ←
3792	Double and Single Mixed.....	2.50	30.00	100.00

**GAILLARDIA GRANDIFLORA (Blanket Flower) *p***

		Per oz.	Per lb.
3830	Burgundy, <i>f</i> coppery scarlet self.....	.90	10.00
3836	The Dazzler, <i>f</i> intense golden yellow, maroon red zone....	.65	7.50
3850	Monarch Strain Finest Mixed, fine large flowers, good color range.....	.45	5.00
3844	Portola Hybrids.....	.45	5.00

**GERBERA (Transvaal Daisy) *grf***

3884	Giant Hybrids Mixed.....	Per 1000 seeds	2.00 (1000 seeds = $\frac{1}{8}$ oz.)
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**GEUM (Avens) *p***

		Per oz.	Per lb
3890	Lady Stratheden, golden yellow.....	1.30	15.00
3892	Mrs. Bradshaw, scarlet.....	1.10	12.50

**GILIA**

3914	Capitata Reselected, rich sky blue, fine large flowers.....	.25	2.50
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**GODETIA TALL DOUBLE SHAMINI GRANDIFLORA TYPE *af***

4038	Finest Mixed.....	.45	5.00
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**GODETIA UPRIGHT SINGLE (Farewell-to-Spring) *a***

3964	Duke of York, rich scarlet on white.....	.65	7.50
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**GOMPHRENA (Globe Amaranth) *a***

4042	Globosa Rubra, purple.....	.30	3.00
4040	" Mixed.....	.25	2.50

**GOURDS *ac***

4056	Large Luffa (Sponge gourd).....	.10	1.00
4066	" Varieties Mixed.....	.10	1.00
4086	Small Warted, mixed colors and shapes.....	.15	1.25
4088	" Varieties Mixed.....	.10	1.00
4098	Large and Small Sorts Mixed.....	.10	1.00

**GYPSOPHILA (Baby's Breath)**

4102	Elegans Grandiflora Covent Garden Improved, <i>af</i> greatly improved strain, unusually large white flowers of fine substance. Excellent florist stock..	.10	1.00
4110	" " London Market Improved, <i>af</i> white, extremely large flowers.....	.10	.80
4116	Paniculata Single Alba (Chalk Plant), <i>pf</i> white, $3\frac{1}{2}'$ .....	.20	2.00
4118	" Double Alba, <i>pf</i> white, $3'$ .....	2.55	30.00

**HELIANTHUS ANNUUS (Sunflower) *a***

Per oz. Per lb.

4182	<b>Sun Gold</b> (Bodger), brilliant golden yellow large double flowers, free flowering, 100% double, 4'-5', even and true..	.20	2.00
4168	Russian, huge golden pads, 8'-10'	.10	.20

**HELIANTHUS CUCUMERIFOLIUS (Miniature type) *a***

4172	Lilliput, deep golden yellow, dark eye, small flowers, 3'..	.20	2.00
4164	Excelsior Hybrids, bronze, brown and red shades, zoned, 5'	.20	2.00
4166	Miniature, golden yellow small flowers, 5'	.20	2.00

**HELIPTERUM ROSEUM (See Acroclinium)****HOLLYHOCK ANNUAL *a***

4268	<b>Indian Spring</b> (S.M., A.A.S. '39), annual, free blooming, semi-double, rose and pink shades .....	.55	6.00
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**HOLLYHOCK *p***

4260	Double Triumph Mixed, beautifully fringed rosette flowers in many new shades and bi-color combinations..	.90	10.00
4270	Semi-double Alleghany Finest Mixed.....	.35	4.00
4272	" " Annual Finest Mixed.....	.35	4.00
4274	Single Annual, Finest Mixed.....	.30	3.00

**HOLLYHOCK CHATER'S DOUBLE *p***

4306	Finest Mixed.....	.90	10.00
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**HUNNEMANNIA FUMARIFOLIA (Bush Eschscholtzia, Mexican Tulip Poppy) *a***

4332	Sunlite (Bodger) (S. M., A. A. S. '34), semi double.....	.55	6.00
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**IBERIS (See Candytuft)****IPOMEA *ac***

4354	<b>White Magic</b> (Bodger), very early blooming, exceptionally free flowering, large fleecy white flowers, blending to cream deep in the throat, making a heavy cascade of flowers on fence or trellis. Of the Clarke's Early Type, White Magic was selected originally from our plantings of Clarke's Early Heavenly Blue in Lompoc in 1934. Further development work has been carried on through the ensuing years until White Magic was ready for release in 1941.....	.55	6.00
4356	<b>Pearly Gates</b> (S.M., A.A.S. '42), grand early flowering pure white.....	.55	6.00
4384	<b>Morning Glory Scarlett O'Hara</b> (G.M., A.A.S. '39), dark wine red, early blooming, attractive foliage.....	.55	6.00
	Crimson Rambler (See Convolvulus)		
4360	Double Rose Marie (Bodger), deep rose, early, free flowering.....	.30	3.00
4362	Bona Nox, throat purple, shading to lavender, night flowering, favorite in the moonlight garden.....	.20	2.00

**IPOMEA ac—Continued**

		Per oz.	Per lb.
4370	<b>Clarke's Earliest Heavenly Blue Morning Glory</b> , sky blue, shading golden yellow in throat, extremely early	.30	3.00
4372	Imperialis Selected Strain.....	.30	3.00
4376	Noctiflora White Moonflower, night blooming, black seeded.....	.20	2.00
4378	“ White Moonflower, night blooming, white seeded.....	.20	2.00

**KNIPHOFIA (See Tritoma)****KOCHIA (Burning Bush, Summer Cypress) a**

4418	Childsi .....	.10	1.00
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**LANTANA gr a**

4420	Hybrida Mixed.....	.65	7.00
4422	Dwarf Hybrids Mixed.....	.90	10.00

**LARKSPUR GIANT IMPERIAL af**

Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for florists' and general garden use. The delphinium like spikes of double flowers, carried on stems 4'-5' long, are compactly placed on the upright growing plants, requiring only about one-half the space needed for the old stock flowered type of Larkspur.

4430	Blue Bell (Bodger) (B.M., A.A.S. '34), azure blue, 36/2.....	.45	5.00
4432	Blue Spire, very deep violet blue 35 deep-back petals 40.....	.45	5.00
4434	Carmine King (Bodger), deep carmine rose 22/1 shaded cinnabar.....	.45	5.00
4454	Dazzler, rich scarlet 22/1 shaded cinnabar.....	.45	5.00
4438	Exquisite Pink Improved, soft pink shaded salmon 625/2 and 625/1.....	.45	5.00
4440	Exquisite Rose, rose pink 623/1.....	.45	5.00
4456	Gloria Improved (Bodger), deep salmon rose 623.....	.45	5.00
4522	Lilac King (Bodger), rich lilac, fully double closely spaced florets 34/2.....	.45	5.00
4444	Lilac Spire 34/2.....	.45	5.00
4446	Los Angeles Improved (Bodger), brilliant pink on salmon 623/1.....	.45	5.00
4448	Miss California (Bodger) (H.C., R.H.S. '34), deep rose on salmon, 623 shaded 625/1.....	.45	5.00
4520	Pink King (Bodger), soft salmon rose 623/1.....	.45	5.00
4464	Pink Perfection (Bodger), lively light pink, large double florets, excellent upright habit, 623/2 and light salmon pink.....	.45	5.00
4524	Rose King (Bodger) (new), rich rose.....	.45	5.00
4458	White King (Bodger) (B.M., A.A.S. '37), glistening white, huge flowers.....	.45	5.00
4452	White Spire (A.M., R.H.S. '34), pure white, early.....	.45	5.00
4462	Super Majestic Rose Pink, salmon pink.....	.45	5.00
4468	Finest Mixed, from separate colors.....	.35	4.00

**LARKSPUR TALL DOUBLE STOCK FLOWERED a**

4506	Finest Mixed.....	.30	3.00
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**LATHYRUS LATIFOLIUS (Perennial Peas) pc**

		Per oz.	Per lb.
4568	Mixed.....	.45	5.00

**LILIUIM (Regal Lily) p**

4598	Regale, clean seed.....	.70	8.00
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**LINARIA MAROCCANA (Toad Flax, Miniature Snapdragon) a**

The Linarias, commonly known as miniature snapdragons, are very charming, free flowering border plants in bright and pastel shades.

4600	Fairy Bouquet (G.M., A.A.S. '34), compact, 8", pastels.....	.55	6.00
4608	Hybrida Excelsior Improved Strain Mixed, bright and pastel shades, compact, 15" plants.....	.30	3.00

**LINUM (Flowering Flax)**

4630	Grandiflorum Rubrum (Scarlet Flax) a free flowering, 24".....	.20	2.00
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**LOBELIA**

4642	Compacta Crystal Palace, a dark blue, dark foliage, 4"....	1.55	18.00
4644	" Emperor William a, gentian blue, light foliage 4".....	1.55	18.00
4652	Hybrida Pendula Sapphire.....	1.55	18.00

**LUPINS**

Russell,	seed grown from originator's stock.....	1.30	15.00
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**MARIGOLD DWARF GIGANTEA af (Bodger)**

Exceptionally fine new dwarf growing form of the very popular Gigantea type. Sweet scented, 4"-4½" flowers on 12"-15" plants which are early, free flowering, neat and compact.

5052	Pot O'Gold (Bodger), deep golden orange, 100% all double.....	.40	4.50
5054	Gypsy Jewels (Bodger), wide range brilliant shades of orange, yellow, and primrose.....	.35	4.00

**MARIGOLD GIGANTEA af (Bodger)**

A remarkable new sweet scented, robust growing, extremely large flowered type, ideal for show purposes, florist use and garden decoration.

4988	Full Double Orange (Bodger) 5"-6" rich orange flowers, 2½'-3' robust plants.....	1.05	12.00
4986	" " Mixture (Bodger) 5"-6" flowers, varied color range, 2½'-3' strong plants.....	.90	10.00
4994	Orange Sunset (Bodger), fine deep orange.....	.70	8.00
4998	Sunset Giants (Bodger), rich mixture.....	.55	6.00

### MARIGOLD AFRICAN TALL DOUBLE *a*

		Per oz.	Per lb.
4736	Fistulosa Lemon All Double.....	.70	8.00
4734	" Orange All Double.....	.70	8.00
4748	" All Double Mixed.....	.65	7.00
4746	" Good Mixed.....	.45	5.00

### MARIGOLD MISSION GIANT *af*

4708	Goldsmith (B.M., A.A.S. '41), rich golden orange .....	.70	8.00
8510	Yellowstone (new) (H.M., A.A.S. '42), vibrant yellow.....	.70	8.00
8512	Mixture.....	.65	7.00

### MARIGOLD CARNATION FLOWERED (Guinea Gold Type) *af*

The well-known, extremely popular loosely ruffled broad petaled flower form, on 2'-2½' branching plants nearly 100% double.

4704	Burpee Gold, odorless strain of Guinea Gold.....	.40	4.50
4706	Golden West, early flowering, dwarfer strain of Guinea Gold.....	.35	4.00
4790	Guinea Gold Reselected Strain (Bodger), rich orange, 2'-2½'.....	.35	4.00
4786	Yellow Supreme (G.M., A.A.S. '35), creamy lemon yellow .....	.35	4.00

### MARIGOLD COLLARETTE ODORLESS

Odorless foliaged plants 2' tall, branching, 2½" flowers with crested center and broad guard petals.

4792	Crown of Gold (G.M., A.A.S. '37), bright golden orange..	.45	5.00
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### MARIGOLD HARMONY TYPE FRENCH *af*

A selection of new strains and varieties in the popular Harmony, crested center, type of French Marigold.

#### EXTRA DWARF DOUBLE, 6-8 inches.

5092	Butterball (Bodger) (B.M., A.A.S. '42), soft butter yellow .....	.55	6.00
8534	Gold Crest (Bodger) (new), golden yellow flowers, 2", crested center of quilled petals surrounded by several guard petals, very early, free flowering, especially suitable for bedding and border work.....	.55	6.00
5096	Spry (S.M., A.A.S., '41), yellow bordered mahogany.....	.55	6.00
8532	Sunkist (Bodger), bright golden orange.....	.55	6.00
8528	Extra Dwarf Double Finest Mixed.....	.45	5.00

#### DWARF DOUBLE, 12-14 inches.

8540	Gold (Bodger) (new), golden yellow, very early, free flowering.....	.45	5.00
4798	Harmony, early, golden yellow bordered maroon red.....	.25	2.50
8530	Melody (B.M., A.A.S., '42), excellent rich orange.....	.45	5.00
5090	Spotlight (Bodger), rich yellow bordered mahogany red, 1¾", very early flowering.....	.25	2.50
5094	Harmony Hybrids (Bodger), wide and varied range striking color combinations, 1¾" flowers with crested center and flanking guard petals, early.....	.25	2.50

#### TALL DOUBLE, 20-24 inches.

5098	Harmony Mixture (Bodger), tall growing form of Harmony Hybrids, fine for cutting.....	.30	3.00
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**MARIGOLD FRENCH TALL *a***

		Per oz.	Per lb.
4816	Double Finest Mixed.....	.30	3.00

**MARIGOLD FRENCH DWARF *a***

4856	Single Flash.....	.90	10.00
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**MARIGOLD LILLIPUT *a***

4894	Yellow Pygmy (H.M., A.A.S. '40), very dwarf bright yellow.....	.45	5.00
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**MARIGOLD TAGETES SIGNATA PUMILA**

4890	Gnome, large flowered, golden yellow, 6".....	.65	7.00
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**MARVEL OF PERU (Four O'Clocks) *a***

4886	Tall All Colors Mixed.....	.20	1.75
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**MATHIOLA (Evening Scented Stock) *a***

4904	Bicornis, Lilac 2'.....	.20	2.00
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**MATRICARIA (Bridal Rose) *p***

4900	Capensis Alba Plenissima (Feverfew), <i>f</i> white, double, 2'..	.45	5.00
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**MIGNONETTE (Reseda Odorata) *a***

4920	Allen's Defiance.....	.20	2.00
4932	Odorata Grandiflora.....	.20	1.75
4940	Machet Improved.....	.20	2.00
4950	" New York Market <i>f</i> .....	.45	5.00
4958	" Special Mixture, all Machet varieties.....	.30	3.00
4946	" Golden Goliath, true gold.....	.45	5.00
4948	" Goliath Red, large red spikes.....	.45	5.00

**MORNING GLORY (See Convolvulus and Ipomea)****MOURNING BRIDE (See Scabiosa)****NASTURTIUM SEMI-DOUBLE SWEET SCENTED GLEAM (Bodger) *af***

5000	Golden Gleam (Bodger) (G. M., A. A. S. '33, A. M., R. H. S. '32), golden yellow.....	.15	1.25
5010	Scarlet Gleam (Bodger) (G. M., A. A. S. '35), scarlet.....	.15	1.25
5050	Glorious Gleam Hybrids Finest Mixed (Bodger) (S. M., A. A. S. '35), wide assortment colors .....	.15	1.25

**NASTURTIUM TRAILING AND TALL VARIETIES *ac***

5208	Special Mixture, including dark leaved varieties.....	.15	1.25
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**NEMOPHILA INSIGNIS *ra***

5256	Blue (Baby Blue Eyes), 5"-6".....	.20	2.00
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**NICOTIANA AFFINIS (Sweet Scented Flowering Tobacco) *af***

5286	White, 3'.....	.35	3.50
5288	Hybrids.....	.35	3.50

**NIEREMBERGIA DWARF (Cup Flower) *a***Per  $\frac{1}{4}$  oz. Per oz. ←

5278	Purple Robe (Bodger) (new) (B.M., A.A.S. '42), rich deep violet purple, dwarf, compact, does not fade.....	4.50	15.00
5298	Hippomanica (Dwarf Cup Flower), lavender blue, dwarf, compact.....	3.00	10.00

**OENOTHERA (Evening Primrose)**

Per oz. Per lb. ←

5324	Lamarckiana (Evening Scented Primrose), <i>b</i> yellow, 3'.....	.10	1.00
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**OLD MAID'S PINCUSHION (See Scabiosa)****PANSY ENGELMANN'S STRAIN *p***

Through an arrangement with Carl Engelmann Ltd., originator and grower of these fine Pansies, we are offering originator's seed in sealed packets.

**5342 Engelmann's Giant *f***, dark and light shades, huge flowers, compact and early flowering, choice bedding and cut flower strain .....

$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.	←
.75	1.50	2.75	5.25	10.00	25.00	50.00	95.00	

**NOTE:** The above prices on Pansy Engleman's Strain apply to sales in the United States and Canada. Prices for other countries on application.

**PANSY SWISS GIANT *p***

	Per oz.	Per lb.	←
5352 Extra Finest, Mixed.....	5.50	65.00	

**PAPAVER (See Poppy)****PETUNIA HYBRIDA *a***

5412 Blue Bee, Viola Jersey Gem color.....	1.30	15.00
5432 Flaming Velvet (G. M., A. A. S. '36), velvety blood red....	1.30	15.00
5418 General Dodds, blood red.....	1.30	15.00
5422 Howard's Star, reddish purple, white star.....	1.30	15.00
5436 Rose King Improved (B. M., A. A. S. '36), greatly improved strain.....	1.30	15.00
5430 Violacea, deep violet.....	1.30	15.00
5410 White King.....	1.30	15.00
5440 Special Mixture.....	1.10	12.50

**PETUNIA HYBRIDA NANA ERECTA *a***

5482 Blue Bedder, mid blue.....	1.70	20.00
5484 Celestial Rose, deep rose, compact.....	1.70	20.00
5496 Rose of Heaven, extra select, brilliant rose, dwarf.....	1.70	20.00
5500 Rosy Morn, rose, extra select, white throats, dwarf.....	1.70	20.00
5516 Snow Queen, large flowers, white.....	1.70	20.00
5512 Violacea, deep velvety purple.....	1.70	20.00
5528 Finest Mixed.....	1.70	20.00

**PETUNIA BALCONY (Hybrida Pendula) *a***

5544 Black Prince, deep velvety red.....	3.40	40.00
5532 Deep Blue (H.C., R.H.S. '35).....	2.15	25.00
5536 Red (Crimson).....	2.15	25.00
5538 Rose, clear rose, golden throat, large flowers.....	2.15	25.00
5542 White (A.M., R. H. S. '35).....	2.15	25.00
5558 Finest Mixed.....	1.70	20.00

**PETUNIA GRANDIFLORA NANA COMPACTA *a***

	Per $\frac{1}{16}$ oz.	Per $\frac{1}{8}$ oz.	Per oz.	←
5444 Velvet Ball, (B.M., A.A.S. '39), round, compact, ball shaped 8" plants, freely producing 2½" velvety blood red blooms, excellent new type..	1.25	3.75	12.50	
5446 King Henry, velvety red.....	1.25	3.75	12.50	

**PETUNIA GRANDIFLORA SINGLE FRINGED *a***

5586 Pink Triumph, bright rose pink.....	2.00	6.00	20.00
5598 Theodosia (H. C., R. H. S. '35), largest fringed rose, gold throat .....	2.00	6.00	20.00
5624 <b>Fluffy Ruffles</b> , a delightful mixture of delicate light shades, containing numerous soft tints, veined and bicolor combinations not found in the separate color varieties. All flowers are finely fringed and so heavily ruffled that they appear double. By far the finest choice Petunia for home gardens, and a prime favor- ite with florists.....	1.80	5.40	18.00
5626 Fimbriata Choice Mixed.....	1.80	5.40	18.00

### PETUNIA GRANDIFLORA SINGLE PLAIN EDGED *a*

Per  $\frac{1}{16}$  oz. Per  $\frac{1}{4}$  oz. Per oz.

5656	Burgundy (B. M., A. A. S. '37), rich wine red, contrasting white throat.....	2.00	6.00	20.00
5658	Dwarf Elk's Pride, deep velvety purple, compact.....	2.00	6.00	20.00
5636	Elk's Pride, largest, darkest, and best velvety purple.....	2.00	6.00	20.00
5732	<b>Flaming Velvet</b> (Bodger), luscious velvety blood red.....	2.00	6.00	20.00
5642	Pink Glory Improved, deep rose, white throat, dwarf.....	2.00	6.00	20.00
5660	Snow Queen, pure white.....	2.00	6.00	20.00
5662	<b>Snowstorm Improved</b> , glistening white shad- ing yellow in throat, 4"-5" flowers.....	2.00	6.00	20.00
5668	Special Mixture, light and dark shades.....	1.80	5.40	18.00

### PETUNIA GIANTS OF CALIFORNIA *a*

5714	<b>Glamour</b> (Bodger) (new) (H.M., A.A.S. '42), luscious salmon rose, huge ruffled blooms	3.50	10.50	35.00
5718	<b>Bodger's Supreme Florist Strain</b> (Bodger) extremely large flowers, in shades of rose, pink, salmon, copper and other delightful soft pastel tints.....	3.00	9.00	30.00
5710	Bodger's Special Mixture, f a well balanced mixture of light and dark colors, fringed and ruffled, with attractive deep throats, many beautifully veined. This is the first picking from the choicest plants.....	2.50	7.50	25.00

### PETUNIA DWARF GIANTS OF CALIFORNIA (Bodger) *af*

A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.

5700	Ramona Strain, Dark Shades.....	3.00	9.00	30.00
5704	Ramona Strain, Dark and Light Shades.....	3.00	9.00	30.00

### PHACELIA *a*

Per oz. Per lb. ←

5760	Campanularia (California Blue Bells) r gentian blue, 8".....	.30	3.00
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### POPPY NUDICAULE (Iceland Poppy) *pf*

5842	Roseum (Coonara Pinks),f fine mixture light shades, large flowers.....	1.30	15.00
5878	<b>Gartford Giants Mixed</b> (A.M., R.H.S. '40), fine rich mixture, excellent stems.....	1.70	20.00
5860	<b>The Emperor</b> (Bodger) (H.C., R.H.S. '40), extremely large flowered, orange.....	1.30	15.00
5862	<b>The Empress</b> (Bodger), very large flowered, delightful salmon rose shades.....	1.30	15.00
5868	<b>Imperial Jewels Mixture</b> (Bodger), extraordinary new Iceland Poppy, complete color range, solid strong colors and pastels.....	1.30	15.00
5850	El Monte (Bodger), f deep tangerine orange.....	1.30	15.00

<b>POPPY NUDICAULE (Iceland Poppy) <i>pf</i>—Continued</b>		<b>Per oz.</b>	<b>Per lb.</b>
5856	Sandford's Giants, Finest Mixed, <i>f</i> vigorous growers, long stems, fine colors.....	1.30	15.00
5874	Single Finest Mixed.....	1.30	15.00
5872	Yellow Emperor.....	1.30	15.00

#### **POPPY DOUBLE SHIRLEY *a***

5956	Sweet Briar, deep rose pink .....	.30	3.00
5968	Finest Mixed.....	.25	2.50

#### **POPPY SINGLE SHIRLEY *a***

5970	American Legion, brilliant scarlet, white maltese cross.....	.20	2.00
5986	Finest Mixed.....	.20	2.00

#### **PORTULACA (Moss Rose, Sun Plant) *ra***

6020	Grandiflora Double Mixed, extra select.....	2.15	25.00
6024	Grandiflora Single Mixed.....	1.05	12.00

#### **POT MARIGOLD (See Calendula)**

#### **PRIMULA GIANT MALACOIDES *af***

Excellent new strain, strong robust plants, extremely large well formed rounded flowers produced in abundance on heavy wiry stems.

		<b>Large Trade Packets</b>	<b>Suggested Retail Price</b>	<b>Half Packets</b>	<b>Suggested Retail Price</b>	← →
6072	Double Fairy Jewels, rich rose pink..	.75	1.50	.40	.75	
6068	" Twinkles(new), soft flesh pink	.75	1.50	.40	.75	
6074	Single Enchantress, soft salmon rose	.75	1.50	.40	.75	
6078	" Lavender Glory, soft mauve lavender, extra large blooms	.50	1.00	.30	.50	
6076	" Snow Flake, pure white.....	.50	1.00	.30	.50	
6082	" Sweetheart (new), unique bi-color.....	.75	1.50	.40	.75	
6080	" Mixture, including many new shades.....	.50	1.00	.30	.50	

#### **QUEEN ANNE'S LACE FLOWER *a f***

		<b>Per oz.</b>	<b>Per lb.</b>	← →
6070	White, 2-2½', fine cut flower filler .....	.30	3.00	

#### **RESEDA (See Mignonette)**

#### **RICINUS (Castor Beans) *a***

6102	Zanzibariensis, Finest Mixed.....	.10	.60
6104	Mixed Varieties.....	.10	.50

#### **ROCK GARDEN MIXTURES**

6110	Annual Finest Mixed.....	.30	3.00
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#### **ROMNEYA (Matilija Poppy) *p***

6120	Coulteri, white, large fragrant flowers, 4'	1.55	18.00
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**SALPIGLOSSIS EMPEROR or SUPERBISSIMA**(Painted Tongue, Velvet Flower) *a*

		Per oz.	Per lb.
6184	Finest Mixed.....	.40	4.50
6186	Gloxiniaflora Mixed, veined varieties only.....	.45	5.00

**SALVIA**

6218	Farinacea Blue Bedder, <i>p</i> deep blue, 3'	2.15	25.00
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**SANVITALIA PROCUMBENS (Creeping Zinnia) *a***

6230	Double.....	.55	6.00
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**SAPONARIA VACCARIA**

6240	Rosea, <i>a</i> 2'	.10	1.00
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**SCABIOSA IMPERIAL GIANTS *af* (Bodger)**

A great advance in annual Scabiosa development, an outstanding achievement. Extremely large, well formed flowers which are fully double, composed entirely of broad frilly petals, rounded bee hive shape. Plants very upright growing 42"-48" tall, long heavy wiry stems, excellent for florist or garden use.

8140	Blue Moon (Bodger) (H.M., A.A.S. '39), very large fully double flowers, deep lavender blue, strong wiry stems, excellent cut flower type.....	.45	5.00
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**SCABIOSA LARGE FLOWERED TALL DOUBLE**(Old Maid's Pincushion, Mourning Bride) *a*

6246	Ageratum Blue, mid blue.....	.35	4.00
6248	Azure Fairy, azure blue.....	.35	4.00
6252	Blue Cockade (A. M., R. H. S.), deep blue.....	.35	4.00
6258	Cherry Red or Crimson.....	.35	4.00
6266	Loveliness, salmon rose shades.....	.35	4.00
6268	Peach Blossom, deep flesh.....	.35	4.00
6270	Rose.....	.35	4.00
6276	Rosette, deep rose suffused salmon.....	.35	4.00
6272	Shasta, pure white, very large.....	.35	4.00
6280	Finest Mixed, from separate colors.....	.30	3.00
6284	Giant Flowered Hybrids Mixed, large flowers, unusual colors, ball shaped (B. M., A. A. S. '34).....	.35	4 .0

**SCABIOSA CAUCASICA (Blue Bonnet) *p***

6290	Giant Hybrids (Isaac House Strain), <i>f</i> fringed and ruffled, shades of blue from lavender to dark blue, very large flowers.....	2.15	25.00
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**SCARLET RUNNER BEANS (See Beans)****SCHIZANTHUS GRANDIFLORA HYBRIDS *a***

Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

6352	Dr. Badger's Improved Giant Flowered Hybrids, <i>af</i> large flowers, brilliant range of colors, from light pink to deep purple through rose, but without any whites, each flower with a large golden blotch. Plants compact, 12"-14". Outstanding for the best florist trade.....	1.70	20.00
6334	Butterfly Mixture (Bodger), fine bright mixture, free flowering, compact pyramidal plants, 12"-15".....	1.30	15.00

**SHASTA DAISY (See Chrysanthemum Leucanthemum)****SNOW ON THE MOUNTAIN (See Euphorbia)**

<b>STATICE (Sea Lavender)</b>		Per oz.	Per lb.
6412 Caspia, <i>pf</i> pyramidal habit, graceful, lavender blue, 2½'..	1.05	12.00	
6418 Latifolia, <i>pf</i> blue.....	.90	10.00	
6420 Perezi Multiflora, <i>pf</i> deep blue.....	.90	10.00	
6426 Suworowi (Russian), <i>a</i> bright rose spikes, 30".....	.55	6.00	

**STATICE SINUATA *af***

6442 Kampf's Tall Improved, deepest blue.....	.20	2.00	
6444 Lavender Queen.....	.20	2.00	
6460 Pastel Shades.....	.20	2.00	
6446 Rosea Superba.....	.20	2.00	
6450 Snow White, greatly improved white.....	.20	2.00	
6452 True Blue, extra deep.....	.20	2.00	
6456 Yellow (Bonduelli).....	.20	2.00	
6466 Choice Mixed.....	.20	1.75	

**STOCKS (Gilliflower) *a*****DOUBLE LARGE FLOWERING DWARF TEN WEEK *a***

Dwarf, compact, branching, fine for bedding, 12".

6536 Finest Mixed from named varieties.....	.70	8.00	
6538 Good Mixed.....	.45	5.00	

**MAMMOTH DOUBLE EARLY BRANCHING NICE *af***

Coming into flower just as early as the Dwarf Ten Week varieties, and forming plants pyramidal in shape. This is the most popular class for general use. Height 18".

6638 Finest Mixed.....	.90	10.00	
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**DOUBLE EARLY GIANT IMPERIAL (Improved Bismarck) *af***

Of branching habit, the large flowers and long stems of this class make it especially desirable for cutting. Very early blooming and produces a high percentage of doubles. Height 26".

6688 Finest Mixed.....	1.30	15.00	
6690 Good Mixed.....	.90	10.00	

**DOUBLE GIANT COLUMN (Improved Excelsior) *af***

Immense fully double close spaced flowers, one 2'-2½' spike per plant. This strictly non-branching strain is in very great demand by florists.

6816 <b>Gardenia</b> (Bodger), huge, glistening white.....	6.80	80.00	
6802 Silvery Lilac (Lilac Lavender) 634/2.....	5.00	60.00	
6814 Yellow Wonder, deep creamy yellow.....	5.00	60.00	

**SUMMER CYPRESS (See Kochia)****SUNFLOWER (See Helianthus)****Symbols used:**

*a*—annual  
*b*—biennial  
*c*—climber  
*f*—cut flower variety, special for florists

*gr*—greenhouse plant  
*p*—perennial  
*ra*—rock plant annual  
*rp*—rock plant perennial

## SWEET PEAS

EARLY or WINTER FLOWERING SPENCER <i>af</i>		Per lb.
6852	American Beauty, rich crimson rose <i>deep crimson shaded 24</i> .....	2.50
6854	Amethyst, reddish purple <i>729/1 shaded 28</i> .....	2.50
6858	Annie Laurie, pure rose, white base, vigorous <i>625</i> .....	2.50
6860	Apollo, soft salmon cerise <i>20/1 flushed 621</i> (Zvolanek's Salmon is better).....	2.50
6862	Aviator, dazzling crimson.....	2.50
6872	Ball's Orange, rich orange <i>17/1</i> .....	2.50
6868	Ball Rose Improved, cerise pink, large flowered <i>623</i> .....	2.50
6874	Ball's Rose, deep cerise pink <i>623 shaded 22/1</i> .....	2.50
6888	Boy Blue (Zvolanek's), dark blue, large <i>35—darker shading</i> ....	2.50
6950	Bridesmaid, silvery pink.....	2.50
6882	Bright Light, flaming scarlet <i>719/1</i> .....	2.50
6884	Burpee's Orange, clear orange <i>17/1 shaded 618</i> .....	2.50
6886	Burpee's Salmon, rich salmon overlaid with a coppery sheen .....	2.50
6890	Burpee's White, pure white, white seeded.....	2.50
6894	Canary Bird, rich cream, white seeded.....	2.50
6896	Chevalier, carmine rose <i>24</i> .....	2.50
6914	Eldorado, fine orange <i>18/1</i> .....	2.50
6912	Elk Purple (Zvolanek's), long stems, large reddish purple <i>729/1</i> .....	2.50
6934	Florist Rose, pure dark rose on white <i>24/1</i> .....	2.50
6928	Fragrance, mammoth clear lavender, wavy flowers <i>633/2 and 633/1</i> .....	2.50
6940	Giant Rose, extremely large, rose pink, robust <i>627/2</i> .....	2.50
6944	Glitters, brilliant cerise <i>20/1 on 20</i> (Sunray is better).....	2.50
6946	Grenadier, dazzling crimson scarlet <i>721 deep</i> (Red Cross is better).....	2.50
6956	Harmony, clear lavender <i>633/2 and 32/2</i> .....	2.50
6962	Hope, pure white, black seeded.....	2.50
6976	Josie, brilliant rose pink, vigorous, large flowers, long stems <i>627/1</i> .....	2.50
6980	Laddie Improved, long stemmed giant rose pink, robust.....	2.50
6994	Majestic Rose, brilliant rose pink, vigorous, long stems <i>625/1 and 625</i> .....	2.50
6992	Mariner, clear blue, fine <i>39/2 on 37/1 deeper</i> .....	2.50
7002	Mars, rich deep crimson.....	2.50
7010	Memory, clear rosy lavender, large wavy flowers <i>633/1</i> .....	2.50
7020	Miss Alabama, deep chocolate maroon.....	2.50
7006	Mrs. Herbert Hoover, clear deep blue <i>35/1</i> .....	2.50
7130	Mrs. H. R. Holscher (Zvolanek's), brilliant pink, vigorous, long stems <i>625/1 and 625</i> .....	2.50
7012	Mrs. H. S. Reddick, brilliant flesh pink suffused salmon, immense flowers, very long stems <i>623/2 flushed 625/2</i> .....	2.50
7016	Navy Blue, extra large dark blue <i>35 with darker shading</i> .....	2.50
7024	Orange King, glowing intense orange <i>17 with crimson shading</i> ..	2.50
7026	Oriental, deep cream, black seeded, large flowers.....	2.50
7028	Othello, deep maroon.....	2.50
7044	Pride, pure, deep, even cerise, long stemmed, robust <i>719/2 and 719/3</i> .....	2.50
7078	Princess Blue, rich Belladonna blue, vigorous <i>40/3</i> .....	2.50
7054	Red Bird, bright crimson red.....	2.50
7056	Red Cross, crimson scarlet, extra large.....	2.50
7062	Shirley Temple, delightful soft rose pink, fluted, long stems <i>26/2</i> .....	2.50
7066	Silver King, light silver blue <i>41/3</i> .....	2.50
7132	Snow Queen, pure white, black seeded.....	2.50
7070	Snow Storm Improved, fine white, white seeded.....	2.50
8394	Sterling, duplex salmon rose <i>625 and 625/1 on cream</i> .....	2.50
7076	Sunray, cerise on cream ground, long stems <i>20/1</i> .....	2.50

<b>EARLY or WINTER FLOWERING SPENCER af—Continued</b>		<b>Per lb.</b>
7084	Supreme Orange (Zvolanek's), cerise wings, orange standards, robust, large flowers, long stems <i>18/1 standards—21/1 wings</i>	2.50
7104	Susanna, rich carmine crimson.....	2.50
8398	Treasure Island sparkling golden orange <i>18 flushed 19/1</i> .....	2.50
7096	Triumph, deep lilac mauve <i>30</i> .....	2.50
8300	Twilight <i>633/2 and 633/1</i> .....	2.50
7098	Valencia, bright orange, long stems <i>17</i> .....	2.50
7134	Vivian (Zvolanek's), clearest carmine rose on white, long stemmed, vigorous <i>24</i> .....	2.50
7100	Vulcan, the most vivid scarlet Sweet Pea, sunproof <i>719 deep..</i>	2.50
7114	White Champion, long stemmed, pure white, white seeded.....	2.50
6856	A. C. Zvolanek, rose pink, long stems.....	2.50
7122	Zvolanek's Rose, rose pink, very vigorous <i>627/2 deeper edge</i> .....	2.50
7082	Zvolanek's Salmon, salmon cerise, large flowers, strong stems, robust <i>20/1 flushed 621</i> .....	2.50
7136	Extra Choice Mixed, well balanced mixture of newest and brightest colors.....	2.00
7138	Choice Mixed.....	1.50

## **EARLY FLOWERING SPENCER**

### **COLOR CLASSIFICATION**

The variety we consider best in each color class is indicated by an asterisk (\*)

#### **BLUE (Deep)**

Blue Bird  
\*Mrs. Herbert Hoover  
New Blue

#### **BLUE (Light)**

Eleanor Blue  
\*Princess Blue  
Silver King

#### **BLUE (Mid)**

Blue Bonnet  
Blue Danube  
Marine  
\*Mariner

#### **BLUE (Navy)**

\*Boy Blue  
Navy Blue

#### **CERISE (Pure)**

Glitters  
\*Sunray

#### **CERISE (Deep)**

\*Pride  
Sparkle

#### **CERISE (Orange)**

Flamingo  
\*Supreme Orange  
Torch  
Treasure Isand

#### **CERISE (Salmon)**

Apollo  
Spring Song  
\*Zvolanek's Salmon

#### **CREAM**

Canary Bird  
\*Oriental

#### **CRIMSON**

American Beauty  
Aviator  
\*Mars  
Pal  
Queen Crimson  
Red Bird  
Susanna

#### **LAVENDER**

Fragrance  
Harmony  
Lavender King  
Memory  
\*Twilight

#### **MAROON**

\*Miss Alabama  
Othello

#### **MAUVE**

Triumph

## EARLY FLOWERING SPENCER COLOR CLASSIFICATION—Continued

### **ORANGE**

Burpee's Orange  
\*Eldorado

### **ROSE (Carmine)**

Chevalier  
\*Vivian

### **ORANGE (Deep)**

Ball's Orange  
Fortyniner  
\*Orange King  
Valencia

### **ROSE PINK**

Annie Laurie  
Florist Rose  
Josie  
\*Laddie Improved  
Majestic Rose  
Mrs. H. R. Holscher

### **PINK**

Giant Rose  
Laddie  
\*Shirley Temple  
Zvolanek's Rose

### **SALMON (Light)**

\*Burpee's Salmon  
Mrs. Kerr

### **PINK (Cerise)**

\*Ball's Rose  
Prosperity

### **SCARLET (Deep)**

Grenadier  
Red Cross

### **PINK (Cerise, Cream Ground)**

\*Ball Rose Improved  
Imperial Pink

### **SCARLET (Orange)**

\*Bright Light  
Vulcan

### **PINK (Flesh)**

Bridesmaid  
\*Mrs. H. S. Reddick

### **WHITE (Black Seeded)**

Hope  
Snow Queen

### **PINK (Salmon)**

\*Mrs. Calvin Coolidge

### **WHITE (White Seeded)**

\*Burpee's White  
Cascade  
Snow Storm Improved  
White Champion

### **PURPLE**

Amethyst  
\*Elk Purple

### **LATE OR SUMMER FLOWERING SPENCER *af***

	Per lb.
7144 Ambition, (G. M., 1930), rosy lavender <i>32/2</i> .....	1.25
7146 Amethyst, bright, clear blue, exceptionally large <i>39/2 on 37/1</i> .....	1.25
8174 Aristocrat, clear pink, <i>623/1 and 623</i> .....	1.25
7152 Ascot, pink <i>625/2</i> .....	1.25
7158 Austin Frederick Improved, giant lavender <i>633/2 and 31/2</i> ....	1.25
8176 Autoocrat, rose suffused orange <i>22 and 20/1</i> .....	1.25
7160 Avalanche, glistening white, white seeded.....	1.25
7170 Beatall, (A. M., 1929), pale cerise <i>21/1 with shading of 21</i> ..	1.25
7174 Black Diamond, dark maroon.....	1.25
7374 Blue Moon, clear mid blue <i>36/2 on 38/2</i> .....	1.25
7274 Bonnie Briar, large rose pink <i>25/2 and 25/1</i> .....	1.25
7376 Bridal Veil, pure white, black seeded.....	1.25
7180 Brilliant Rose, tyrian rose <i>24</i> (Ruffled Rose is better).....	1.25
7186 Burpee's Best White, white seeded.....	1.25
7214 Capri, clear silver blue, excellent <i>40/3</i> .....	1.25

LATE OR SUMMER FLOWERING SPENCER *af*—Continued

		Per lb.
8196	Carlotta, dark rosy carmine <i>24/1 and 24</i> .....	1.25
7196	Charming, rosy cerise <i>20/1 flushed 20</i> .....	1.25
7198	Chieftain, pure satiny mauve <i>30/1</i> .....	1.25
7212	Chinese Blue, solid rich mid blue <i>39/2 on 37/1 light</i> .....	1.25
8198	Coster Boy, pink flushed bright rose, on white.....	1.25
8200	Cream Gigantic, largest cream.....	1.25
7210	Crimson King, rich deep crimson.....	1.25
7218	Damask Rose, (A. M., 1930), deep rose with carmine sheen <i>23 shaded 721/3</i> .....	1.25
7224	Derby Day (A. M., 1931), sparkling crimson, vigorous.....	1.25
7240	Ecstasy, blush pink <i>625/2 on white</i> .....	1.25
7272	Elstree, bright pink on cream <i>621/1 shaded 623/1</i> .....	1.25
7276	Ethereal, (G. M., 1933), pale peach suffused rose <i>20/2 on 19/2 and 19/1</i> .....	1.25
7252	Excelsior (A. M., 1931), scarlet orange <i>17—wings shaded 621</i> .....	1.25
7378	Flagship, deep navy blue <i>34 with darker shading</i> .....	1.25
7264	Floradale, (A. M., 1930), rich salmon pink on cream ground <i>621/1 shaded 621</i> .....	1.25
7486	Fluffy Ruffles, light cream pink <i>625 on cream ground</i> .....	1.25
7268	Fortune, rich navy blue <i>34 with darker shading</i> .....	1.25
8230	Gem, white, picotee edged pink.....	1.25
7286	Gigantic, (G. M., 1932), white, black seeded.....	1.25
7288	Gleneagles, very large, silver blue <i>40/3</i> .....	1.25
7278	Gloria, cream, picotee edged rose.....	1.25
7292	Gold Crest, orange tinted salmon <i>17/1 shading to 618</i> .....	1.25
7296	Golden Wings, fine orange, large, vigorous <i>17/1 and 16/1</i> .....	1.25
8234	Gracie, deep cream, suffused light pink <i>618/3 and 618/2 on cream</i> .....	1.25
7306	Grand National, (A. M., 1933), rich cream, black seeded.....	1.25
7346	Grand Slam, cerise scarlet <i>719/2 suffused 19/1</i> .....	1.25
7334	Highlander, (A. M., 1935), large flowered clear lavender, fine <i>633/2 and 633/1</i> .....	1.25
7358	Jubilee, scarlet cerise <i>719/2 suffused 19/1</i> .....	1.25
7360	Jumbo, (A. M., 1933), lively deep cerise <i>20-20/1</i> .....	1.25
7372	King White Improved, large, pure white, white seeded.....	1.25
8246	Leader, salmon pink, cream ground <i>621 and 621/1</i> .....	1.25
7394	Magnet, bright cream pink <i>621 on cream</i> .....	1.25
7402	Mary Pickford, dainty cream pink, suffused salmon.....	1.25
7404	Mastercream, cream, black seeded.....	1.25
7408	Mayfair, (A. M., 1931), pink on white <i>623/1 and 623 on white</i> ....	1.25
7422	Melody, (G. M., 1935), golden salmon pink on cream <i>618/1 suffused 621/1</i> .....	1.25
7410	Miss California, salmon cream pink.....	1.25
7412	Mrs. A. Searles, bright salmon cerise <i>20/1 on 19/1</i> .....	1.25
8252	Mollie, cerise with touch of orange <i>20/1</i> .....	1.25
7428	Olympia, rich purple <i>729/1</i> .....	1.25
7432	Orange Flare, orange <i>18/1</i> .....	1.25
7454	Patricia Unwin, salmon pink suffused gold <i>621/1 suffused 618/1</i> .....	1.25
8268	Peer, orange pink <i>621 and 20/1</i> .....	1.25
7456	Pink Frills, (G. M., 1934), rich salmon pink on cream <i>621/1 suffused 618/2</i> .....	1.25

LATE OR SUMMER FLOWERING SPENCER <i>af</i> —Continued		Per lb.
7446	Pinkie, large rose pink <i>625/1 and 625</i> .....	1.25
7450	Powerscourt, (A. M., 1921), large lavender <i>633/2 and 633/1</i> .....	1.25
7452	Prince of Orange, best deep orange <i>17 deep</i> .....	1.25
7460	Red Boy, pure rich crimson, long stems, vigorous.....	1.25
8282	Red Rover, fine dark crimson.....	1.25
7462	Reflection, clear mid blue <i>39/2 on 37/1</i> .....	1.25
7474	Royal Purple, rich purple <i>729/1</i> .....	1.25
7478	Rubicund, (A. M., 1933), crimson scarlet, vigorous.....	1.25
7496	Ruffled Mixed.....	1.25
7514	Smiles, salmon shrimp pink <i>19/1 on 20/2 and 20/1</i> .....	1.25
7540	Tangerine Improved, rich orange <i>17/1 and 17/2</i> .....	1.25
7542	The Admiral, (A. M., 1929), dark violet blue <i>34 with blackish shading</i> .....	1.25
7574	Welcome, dazzling scarlet <i>7/19</i> .....	1.25
7578	What Joy, deep, rich cream, white seeded.....	1.25
7590	Youth, white, edged rose pink.....	1.25

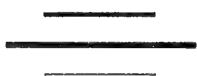
#### 7606 Unrivalled Mixture

This mixture contains a fine selection of the largest and most attractive named varieties, including many of the newest novelties.....

1.10

#### 7608 Field Grown Mixture.....

.90



## LATE FLOWERING SPENCER

### COLOR CLASSIFICATION

The variety we consider best in each class is indicated by an asterisk (\*)

#### BLUE (Light)

\*Capri  
Gleneagles

#### BLUE (Mid)

Amethyst

#### BLUE (Mid)—Continued

Blue Moon  
Chinese Blue  
Heavenly Blue  
Mrs. Tom Jones  
\*Reflection  
Ruffled Blue

## LATE FLOWERING SPENCER

### COLOR CLASSIFICATION—Continued

#### BLUE (Navy)

Commander Godsall  
\*Flagship  
Fortune

#### LAVENDER (Clear)

\*Highlander  
Powerscourt

#### BLUE (Violet)

Jack Cornwell  
\*The Admiral

#### LAVENDER (Rosy)

\*Ambition  
Austin Frederick Improved

#### CERISE

Artiste  
Charming  
Fiery Cross  
Good Cheer  
Illuminator  
\*Jumbo  
\*Mollie  
Ruffled Sparkle

#### MAROON

\*Black Diamond  
Leviathan  
The Sultan  
Warrior

#### CERISE (Light)

\*Beatall  
Lineonian  
Ruffled Crinkles

#### MAUVE

\*Chieftain  
International  
Ruffled Mauve

#### CERISE (Salmon)

His Majesty  
\*Mrs. A. Searles  
Smiles

#### ORANGE (Light)

Golden Wings  
\*Tangerine Improved

#### ORANGE (Medium)

Guinea Gold  
\*Orange Flare

#### CERISE (Scarlet)

\*Grand Slam  
Life

#### ORANGE (Deep)

\*Prince of Orange

#### CREAM (Black Seeded)

Cream Gigantic  
Daffodil  
Grand National  
\*Mastercream  
Ruffled Primrose

#### PICOTEE

\*Gem (white ground)  
\*Gloria (cream ground)  
Sunkist (cream ground)  
Youth (white ground)

#### CREAM (White Seeded)

Dobbies Cream  
\*What Joy

#### PINK (Apricot)

\*Melody  
Patricia Unwin  
Personality  
Silver Jubilee

#### CRIMSON

Charity  
Crimson King  
\*Red Rover  
\*Rubicund  
Ruffled Crimson  
Sybil Henshaw

#### PINK (Apricot, deep)

\*Ethereal  
Pink Frills  
Ruffled Pink

#### CRIMSON (Deep)

Derby Day  
\*Red Boy

#### PINK (Blush, deep)

\*Aristocrat  
Ascot  
\*Ecstasy  
Lady Ruffles  
Lullaby

**LATE FLOWERING SPENCER**  
**COLOR CLASSIFICATION—Continued**

**PINK (Cream)**

Chloe  
\*Elstree  
Mary Pickford  
Picture

**ROSE PINK**

Bonnie Briar  
Hercules  
\*Pinkie  
Rosie

**PINK (Cream, light)**

Affection  
Cissie  
\*Fluffy Ruffles  
Ruffled Beauty  
Sheba

**ROSE CARMINE**

\*Carlotta  
Damask Rose  
Ruffled Carmine

**PINK (Cream, deep)**

Enchantress  
\*Floradale  
\*Gracie  
Idyl  
Magnet  
Miss California  
Nobility  
Spicy  
Station Master

**SALMON (Orange)**

\*Gold Crest

**SCARLET**

All Bright  
Campfire  
Defiance  
Huntsman  
\*Welcome

**PINK (Orange)**

George Shawyer  
Gold Finch  
\*Peer

**SCARLET (Cerise)**

Flamingo  
Grenadier  
Headlight  
Hollyberry  
\*Jubilee  
Ruffled Royal Ruffles

**PINK (Cerise)**

Dandy  
\*Mayfair  
Peggy Ann  
Stylist

**SCARLET (Orange)**

\*Excelsior

**PINK (Salmon, rich)**

\*Leader  
Mavis  
Ruffled Exquisite  
Simplicity

**WHITE (Black Seeded)**

Bridal Veil  
Giant White  
\*Gigantic  
Model  
Sextet Queen

**PURPLE**

\*Olympia  
Royal Purple  
Ruffled Purple

**WHITE (White Seeded)**

Avalanche  
\*Burpee's Best White  
King White Improved  
Ruffled White  
Snowdon

**ROSE**

Brilliant Rose  
Corona  
\*Ruffled Rose

**SWEET PEAS GRANDIFLORA a**

	Per oz.	Per lb
7676 Superb Mixture.....	.....	.60

**SWEET WILLIAM (*Dianthus Barbatus*) b**

7694 Single Finest Mixed.....	.65	7.00
7696 Double Finest Mixed.....	.85	9.00
7698 nnual Finest Mixed a.....	.45	5.00

**TAGETES (See Marigold)**

**THUNBERGIA ac**

		Per oz.	Per lb.
7712	Alata (Black Eyed Susan) Finest Mixed.....	.40	4.50

**TRITOMA (Kniphofia) (Red Hot Poker, Torch Lily) p**

7728	Pfitzer's Hybrids, very large, brilliant red.....	.90	10.00
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**VERBENA MAMMOTH a**

7810	Blue Shades.....	.70	8.00
7812	Defiance, scarlet, small white eye.....	.70	8.00
7828	Pink and Rose Shades.....	.70	8.00
7834	White.....	.70	8.00
7846	Choice Mixed.....	.65	7.00

**VERBENA HYBRIDA GRANDIFLORA (Gigantea) a**

7850	Beauty of Oxford Hybrids (S. M., A. A. S. '33), shades from rose pink to rose red.....	1.40	16.00
7868	Lavender Glory (S. M., A. A. S. '33), lavender, cream eye	1.40	16.00
7886	White, pure white.....	1.40	16.00
7898	Finest Mixed, well balanced mixture giant flowers.....	1.25	14.00

**WALLFLOWER EARLY FORCING ANNUAL a**

8020	Single Blood Red.....	.30	3.00
8022	" Creamy White.....	.30	3.00
8024	" Golden Gem, yellow.....	.30	3.00
8026	" Paris Market, brown.....	.30	3.00
8036	" Finest Mixed.....	.25	2.50
8038	Double Early Wonder, af extra choice mixed, blooms within 90 days.....	.90	10.00

**WILD CUCUMBER ac**

8050	Echinocystis Lobata.....	.15	1.25
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**ZINNIAS (See Pages 8 to 10)****MIXTURES**

8090	Cut Flower Mixture.....	.20	2.00
8092	Special Mixture Annual Climbing Vines.....	.20	2.00
8094	Flower Garden Mixture.....	.20	2.00
8096	California Native Flowers, Special Mixture.....	.35	4.00

## BRIEF CULTURAL NOTES

**ZINNIAS:** Zinnias are warm weather loving plants and should never be sown until the soil has thoroughly warmed up and all danger of any frost has passed. For best results, especially with the smaller flowered, early blooming varieties, we recommend sowing the seed where the plants are to flower. The taller growing, large flowered sorts can safely be transplanted, although they also will make a more robust growth and will produce more flowers if they can be sown where the plants are to bloom, and then when the seedlings are 3" or 4" tall, thinned to the proper distance. To induce a thrifty, heavy root system, irrigate your plants rather than sprinkling. Dig a little trench alongside the row and let the water run slowly for several hours so it will seep down deep into the ground and make the food in the soil available for the plant throughout the mass of feeding roots. Always cultivate after each irrigation to conserve moisture. By this method you will have to water Zinnias only once every two weeks or so, whereas if the ground is merely sprinkled, you will have to repeat the sprinkling every other day or so. Irrigation not only gives a stronger, healthier plant, but also saves on your water bill.

**CALENDULAS:** Calendulas are definitely cool weather loving plants and in the warmer climates should be sown in the autumn for early bloom in the late winter or early spring. While they like full sun, they cannot stand the burning sun of summer. In colder climates, seed should be started in the cold frame and plants set out as soon as possible for late spring and early summer bloom. In planting Calendulas, be sure and choose the proper type for the use you have in mind. There are forcing varieties for greenhouse growing and garden varieties for outdoor growing. The outdoor varieties make a sturdier, more compact growth and are very desirable for garden use, while the forcing varieties are developed especially for the cut flower trade and do best under greenhouse conditions.

**GODETIAS:** In their native California, the Godetia seeds on the hillsides sprout with the first winter rains and grow during the cool, wet winter months and come into flower during late spring, hence their name, Farewell-to-Spring. Given similar treatment in the garden, they will give their best bloom. Sow the seed broadcast late in the fall and allow them to remain undisturbed during the winter months. In the spring they will grow quickly as the soil warms and bloom profusely during late spring. Best results will be obtained by this method as they cannot tolerate the very strong summer sun.

**GOURDS:** Gourds should be sown where the plants are to remain and should not be planted until late in the spring after the soil is thoroughly warm and nights as well as days are warm. For best results sow in a warm, sandy location, somewhat on the dry side. Provide enough water for a normal growth until the flowers appear, after which no further irrigation should be necessary. Watering during the flowering period will cause dropping of flowers and buds, and consequent loss of Gourds. For perfect-shape specimens, vines should be trained up on a fence or trellis and the Gourds allowed to hang, thus assuring straight necks and preventing rotting or discoloration from the soil. Do not harvest the Gourd crop until the fruits are thoroughly matured. This will be when the stem becomes brown and hard and pressure with the fingernail cannot dent the shell of the Gourd. After picking, Gourds should be hung in an airy, dry place until thoroughly cured. The large, hard-shelled varieties are then washed and scrubbed before decorating. The small, colorful varieties are wiped clean of dust and given a light coating of varnish or shellac. If thoroughly dried before treatment, Gourds should last several months for house decoration.

**IPOMEAS:** In growing Ipomeas, never plant until the soil is thoroughly warm. If it is too cool, the seeds will rot instead of germinating. Even in such warm sections as Southern California, seed should not be sown until late May. To aid germination of particularly hard-seeded varieties, filing a small notch at the top of the seed will help considerably. Always select the driest, sandiest part of the garden and sow where the plants are to flower as the Ipomeas resent transplanting. Plants should be kept on the dry side in order to induce early and abundant flowering with a rather sparse growth of foliage. Heavy watering will stimulate foliage growth at the expense of flowers. A poor soil is preferable to a rich one and fertilizer should not be used as this will promote heavy foliage which will hide the flowers. Ipomeas show off to best advantage when planted against a wall, fence or trellis.

## BRIEF CULTURAL NOTES (Continued)

**LARKSPURS:** Larkspurs are cool weather plants and for best results should be sown in the fall. In warm sections, such as Southern California, they are sown as early as August, broadcast where they are to bloom and if for the cut flower market, are sown thick like radishes and the entire plant pulled to go to market. For the home garden, on the other hand, plants are thinned out to the proper distance and allowed to branch normally for a more brilliant show of color. In the colder sections, seed should be sown broadcast in November in its permanent position in the garden. If very severe, a light mulch covering should be applied. Seed will, therefore, remain stratified and dormant throughout the winter months and with the spring thaws and first warmth will germinate and commence to grow. As Larkspur seed requires a chilling for best germination, this is the ideal treatment for best results.

**MARIGOLDS:** The African Marigolds are strong feeders requiring plenty of water. This type should therefore be planted in the richest, most favorable section of the garden. Seed may either be sown where the plants are to flower or can be started early in a seed bed and the seedlings set out to their permanent position later on. They transplant very readily. French Marigolds on the other hand are very light feeders and require a very small quantity of water. Too strong feeding and too heavy watering will throw them into foliage growth with a great scarcity of flowers. For a free-flowering, colorful plant, select the poorest soil, keep the plants on the dry side and do not fertilize. Seed may be sown where the plants are to flower or seedlings can be transplanted from the seed bed although better results will probably be obtained by sowing in place. Marigolds are fairly hardy and should be started early in the spring.

**PETUNIAS:** The chief pitfall the amateur runs up against in growing Petunias is in the seed sowing. Almost invariably they bury the tiny seeds so deeply that the sprouting seedlings cannot possibly fight their way to the surface. Petunia seed must be sown with the very utmost carefulness. A seed flat or a seed pan should be used, a light, loamy soil carefully prepared, properly moistened and finely screened, the box filled to within a half-inch of the top with ample drainage on the bottom and tamped down firmly, smoothly and evenly. Then the seed should be mixed with about a teaspoonful of sand and this mixture of seed and sand sprinkled carefully and thinly over the surface of the seed box. A very fine sprinkling of pure sand, not more than  $\frac{1}{8}$  of an inch, may be used on top of this mixture or it may be left without any further covering. A pane of glass or a damp burlap sack or folded newspapers should then be placed over the flat and left there until the seeds begin to sprout. Immediately after the first sprout appears, this heavy shading must be removed and a single layer of gauze substituted. If the soil has been properly moistened when it is being prepared for sowing, it will not have to be watered again until the seedlings have developed their third and fourth leaves. If the soil appears to be drying out, however, water is to be applied with a very fine-spray hand bulb, or better still, the pan or flat placed in a tray of water to allow moisture to soak upwards from the bottom. Always leave the seed box in a well-ventilated place, but without any draft, to prevent damping off. When the seedlings are large enough to handle, they should be pricked off into a second flat or small pots for a few weeks before setting out in their permanent position in the garden.

**SCABIOSAS:** While the annual Scabiosas will bloom during the summer, they do so much better in the early spring than during the hot summer days, that every effort should be made to start the seed in the early fall in warm sections or in cold frames in early spring in the more northerly sections. In warm sections, such as Southern California, plants will winter over perfectly well and produce extremely early flowers the second year. Scabiosas enjoy full sun and will thrive in any good garden soil.

## APPROXIMATE NUMBER OF SEEDS PER OUNCE

Abronia . . . . .	2,300
Acroclinium . . . . .	9,000
Ageratum Dwarf . . . . .	214,000
Alyssum . . . . .	60,000
Amaranthus . . . . .	30,000
Anagallis . . . . .	41,900
Anchusa Italica . . . . .	1,200
Anemone . . . . .	40,100
Antirrhinum . . . . .	220,000
Aquilegia Longissima . . . . .	17,500
Arctotis Hybrids Autumn Shades . . . . .	9,000
Armeria Large Flowered Hybrids . . . . .	12,000
Aster Varieties . . . . .	12,000
Aster Wilt Resistant Early Giant Rose Marie . . . . .	12,000
Aubrieta . . . . .	85,000
Balloon Vine . . . . .	400
Balsam Bush Flowered Torch . . . . .	2,400
Bartonia . . . . .	38,000
Bellis Perennis . . . . .	192,000
Bidens . . . . .	29,600
Brachycome . . . . .	150,000
Calendula Campfire Bodger's Improved Fl. Strain . . . . .	5,200
Calendula Chrysanth . . . . .	4,000
Calliopsis . . . . .	100,000
Campanula Medium . . . . .	125,000
Candytuft . . . . .	10,000
Canna . . . . .	100
Carnation Chabaud's . . . . .	15,000
Celosia . . . . .	30,000
Centaurea Cyanus . . . . .	7,000
Centaurea Gymnocarpa . . . . .	7,500
Centaurea Imperialis . . . . .	8,000
Centaurea Moschata . . . . .	10,500
Cheiranthus . . . . .	20,000
Chrysanthemum Annual . . . . .	10,000
Clarkia . . . . .	100,000
Cleome . . . . .	13,800
Coix . . . . .	120
Coreopsis . . . . .	12,000
Cosmidium . . . . .	12,900
Cosmos . . . . .	5,500
Cosmos Klondyke Orange Flare . . . . .	3,000
Cuphea Firefly . . . . .	7,200
Cynoglossum . . . . .	5,300
Dahlia . . . . .	3,000
Delphinium Belladonna . . . . .	10,000
Delphinium Cardinale . . . . .	19,800
Dianthus Laciniatus Splendens . . . . .	28,000
Didiscus . . . . .	10,300
Digitalis . . . . .	200,000
Dimorphotheca (African Daisy) . . . . .	10,000
Eschscholtzia . . . . .	15,000
Euphorbia Heterophylla . . . . .	5,300
Euphorbia Variegata . . . . .	2,500
Gaillardia Grandiflora . . . . .	10,000
Gaillardia Picta . . . . .	15,000
Gazania Splendens . . . . .	12,000
Geranium . . . . .	6,200
Geum . . . . .	7,000
Godetia Kelvedon Glory . . . . .	46,400
Gourds Small Sorts Mixed . . . . .	500
Gourds Large Sorts Mixed . . . . .	150
Gypsophila Elegans . . . . .	25,000
Gypsophila Paniculata . . . . .	35,000
Helianthus Cucumerifolius . . . . .	9,000
Helianthus Double Chrysanthemum Flowered . . . . .	700
Helichrysum Mixed . . . . .	45,000
Hollyhock Chater's Double Mixed . . . . .	3,800
Hunnemannia Semi Double Sunlite . . . . .	7,000
Ipomea Alamo Vine . . . . .	240
Ipomea Cardinal Climber . . . . .	1,000
Ipomea Clarke's Earliest Heavenly Blue Morning Glory . . . . .	675

## APPROXIMATE NUMBER OF SEEDS PER OUNCE

Ipomea Cornell .....	670
Ipomea Cypress Vine.....	2,200
Ipomea Rose Marie.....	1,300
Ipomea Scarlett O'Hara..	700
Kochia .....	50,000
Larkspur .....	8,700
Lathyrus Latifolius .....	600
Linaria Fairy Bouquet.....	462,000
Lobelia .....	750,000
Marigold African Tall Mixed.....	11,000
Marigold Crown of Gold.....	8,000
Marigold French Dwarf Mixed.....	10,000
Marigold Gigantea Full Double Orange.....	8,000
Marigold Harmony Type.....	10,000
Marigold Tagetes .....	37,000
Marigold Yellow Supreme.....	7,600
Martynia .....	900
Marvel of Peru.....	350
Matricaria .....	150,000
Matthiola Bicornis .....	47,300
Mesembryanthemum .....	200,000
Mignonette .....	30,000
Myosotis Blue .....	44,000
Nasturtium Dwarf Double.....	175
Nasturtium Dwarf Single Mixed.....	240
Nasturtium Gleam Hybrids.....	180
Nemesia .....	100,000
Nemophila .....	17,700
Nicotiana .....	200,000
Nierembergia Hippomanica .....	168,320
Pansy Engelmann's Strains.....	22,000
Petunia Giants of California Bodger's Supreme Florist Strain.....	162,000
Petunia Grandiflora Nana Compacta Velvet Ball.....	200,000
Petunia Grandiflora Single Fringed.....	161,000
Petunia Grandiflora Single Plain Edged.....	200,000
Petunia Hybrida .....	262,000
Phlox Drummondii Grandiflora Mixed.....	18,000
Poppy Nudicaule .....	448,000
Poppy Shirley .....	72,575
Portulaca .....	300,000
Pyrethrum Roseum .....	22,000
Queen Anne's Lace Flower.....	32,000
Ricinus Zanzibariensis .....	30
Rudbeckia Hirta Hybrids.....	78,000
Salpiglossis .....	125,000
Salvia Splendens .....	7,500
Scabiosa Imperial Giants Blue Moon.....	3,500
Schizanthus Dr. Badger's Improved Giant Flowered Hybrids.....	46,000
Shasta Daisy Double.....	18,000
Statice Sinuata .....	375 heads
Stocks .....	19,000
Sweet Peas .....	340
Sweet William .....	31,000
Thunbergia Alata .....	1,200
Thunbergia Gibsoni .....	830
Tithonia Speciosa Grandiflora Fireball.....	4,000
Torenia .....	375,000
Tritoma .....	22,400
Venidium .....	70,000
Verbena Hybrida Grandiflora.....	12,500
Viola .....	25,000
Virginian Stock .....	69,500
Wallflower .....	15,000
Zinnia Dahlia Flowered.....	2,800
Zinnia Early Wonder.....	3,300
Zinnia Fantasy .....	5,000
Zinnia Gaillardia Flowered.....	4,500
Zinnia Haageana .....	22,000
Zinnia Lilliput .....	4,600
Zinnia Linearis .....	123,650
Zinnia Pumila .....	4,500
Zinnia Scabious Flowered.....	6,000
Zinnia Super Crown O'Gold Pastel Tints.....	2,800

## SPECIAL USES OF FLOWERS FOR CUT FLOWERS

Acroclinium	Clarkia	Nigella
Agrostemma	Coreopsis	Pentstemon
Anchusa	Dianthus	Petunia
Antirrhinum	Didiscus	Phlox
Arctotis	Gaillardia	Poppy Nudicaule
Aster	Gerbera	Pyrethrum Roseum
Brachycome	Gomphrena	Rudbeckia
Cacalia	Gypsophila	Salpiglossis
Calendula	Helichrysum	Scabiosa
Calliopsis	Larkspur	Schizanthus
Candytuft	Marigold	Stocks
Carnation	Mignonette	Sweet Peas
Centaurea	Nasturtium (Gleam)	Verbena
Chrysanthemum		Zinnia

### ANNUALS THAT DO WELL IN A SLIGHTLY MOIST SOIL

Amaranthus	Linum	Mignonette
Calendula	Marigold	Nigella
Larkspur	Marvel of Peru	Ricinus

### ANNUALS WHICH WITHSTAND DROUGHT

Abronia	Coreopsis	Marvel of Peru
Ageratum	Cosmos	Mesembryanthemum
Alyssum	Cynoglossum	Petunia
Arctotis	Dianthus	Portulaca
Bartonia	Dimorphotheca	Scabiosa
Brachycome	Euphorbia	Statice
Browallia	Gaillardia	Tithonia
Calliopsis	Helianthus	Verbena
Candytuft	Hollyhock	Vinca
Centaurea	Humulus	Zinnia
Chorizanthe	Marigold	

### PLANTS FOR HANGING BASKETS, ETC.

Abronia	Geranium	Nasturtium (Gleam)
Ageratum	Ipomea	Petunia
Asparagus sprengeri	Lantana	Portulaca
Begonia	Lobelia	Thunbergia
Coleus		Verbena

### FLOWERS FOR WINTER BOUQUETS (DRIED FLOWERS)

Acroclinium	Gypsophila paniculata	Physalis
Catananche	Helichrysum	Rhodanthe
Celosia Cristata	Lunaria	Statice
Gomphrena		Xeranthemum

### DWARF EDGING PLANTS

Ageratum	Gazania	Pansy
Alyssum	Lobelia	Portulaca
Arabis	Marigold (French)	Pyrethrum aureum
Armeria	Marigold (Signata Pumila)	Verbena compacta
Aubrieta	Myosotis	Viola
Bellis	Nasturtium (Dwarf)	Virginian Stock
Campanula carpatica	Nemesia	Zinnia Tom Thumb
	Nemophila	

## SPECIAL USES OF FLOWERS

### RAPID GROWING ANNUAL VINES

Balloon Vine	Cypress Vine	Nasturtium (Tall)
Balsam Apple and Pear	Dolichos	Scarlet Runner Beans
Canary Bird Vine	Gourds	Sweet Peas
Cardinal Climber	Ipomea	Wild Cucumber
Cobea	Morning Glory	

### ANNUALS FOR FRAGRANCE

Abronia	Matthiola	Stocks
Alyssum	Mignonette	Sweet Peas
Candytuft	Nasturtium (Gleam)	Sweet William
Carnation	Nicotiana	Valeriana
Centaurea imperialis	Petunia	Wallflower
Heliotrope	Scabiosa	

### ANNUALS FOR POOR SOIL

Alyssum	Cosmos	Nasturtium
Antirrhinum	Euphorbia	Portulaca
Carthamus	Godetia	Statice
Celosia	Kochia	Ursinia
Chorizanthe	Mesembryanthemum	Venidium
Clarkia		Verbena

### ANNUALS WHICH PREFER A LIME SOIL

Amaranthus	Hunnemannia	Stocks
Dianthus	Mignonette	Wallflower
	Momordica	

### FOR SEMI SHADE

Anchusa italic	Clarkia	Lupin
Aquilegia	Coleus	Myosotis
Bellis perennis	Geum	Pansy
Campanula	Godetia	Platycodon
Centaurea	Linaria	Sweet William

### FOR ROCK GARDENS

#### Annuals

Abronia	Lobelia	Schizanthus
Alyssum	Marigold Tagetes	Statice Tom Thumb
Anagallis	Mesembryanthemum	Sweet Pea Cupid
Brachycome	Nasturtium Dwarf Gem	Thunbergia
Chorizanthe	Nemesia	Torenia
Dianthus Hedgewigi	Nemophila	Ursinia
Dimorphotheca	Phlox drummondii	Verbena
Gilia Micrantha	Portulaca	Virginian Stock
Leptosyne	Sanvitalia	Zinnia Tom Thumb
Linaria	Saponaria	Zinnia Haagaena
	Scabiosa Tom Thumb	

### FOR ROCK GARDENS

#### Perennials

Alyssum saxatile	Dianthus	Platycodon
Anthemis Montana	Fragaria	Poppy Nudicaule
Aquilegia	Geum	Potentilla
Arabis	Gypsophila Repens	Primula
Arenaria	Helianthemum	Saponaria Ocymoides
Armeria	Heuchera	Silene Schafta
Aubrieta	Hypericum	Stachys Lanata
Bellis perennis	Linum	Statice Dumosa
Campanula carpatica	Lychnis	Tunica
Candytuft Semperflorens	Matricaria Eximia	Verbascum Wied.
Cerastium	Myosotis	Verbena Venosa
Cheiranthus	Nepeta	Veronica
Convolvulus mauritanicus	Oenothera macrocarpa	Viola
		Vittadenia





